



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

WinDoor, Incorporated
7500 Amsterdam drive
Orlando, Florida, 32832

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "7000" Aluminum Sliding Glass Door W/ WO Reinforcements – L.M.I.

APPROVAL DOCUMENT: Drawing No. **08-01663**, titled "7000 HP Series LMI Reinforced & Non-Reinforced", sheets 1 through 14 of 14, including sheets 2A and 2B, prepared by manufacturer, dated 07/03/12 and latest revision on 04/18/16, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant

LIMITATION:

1. See Design Pressure vs. Sizes, Reinforcement, and Sill adapter in sheet **2**.
2. The approved configurations are 4 panels or less. See anchors requirements for two, three or four tracks configurations in sheet **3**. See glazing option in sheet **4**.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises **NOA No. 12-0820.09** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jorge M. Plasencia, P. E.**



JP 4/28/16

NOA No. 15-0723.11
Expiration Date: June 06, 2018
Approval Date: May 05, 2016
Page 1

WinDoor, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 12-820.09)
2. Drawing No. **08-01663**, titled "7000 HP Series LMI Reinforced & Non-Reinforced", sheets 1 through 14 of 14, including sheets 2A and 2B, prepared by manufacturer, dated 07/03/12 and latest revision on 04/18/16, signed and sealed by Luis R., P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of Aluminum Sliding Glass with and without Reinforcements, prepared by National Certified Testing Laboratories, Inc., Test Report No. **NCTL-210-3779-1**, dated 05/08/12 signed and sealed by Gerald J, Ferrara, P.E.
(Submitted under previous NOA No. 12-820.09)

C. CALCULATIONS


1. Anchor verification calculations complying with **FBC 5th Edition (2014)**, dated 07/10/15 with last revised on 04/04/16, prepared, signed and sealed by Luis R. Lomas, P.E.
2. **Glazing complies with ASTM E1300-04/ 09**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.10** issued to **Kuraray America, Inc.**, for "**Kuraray Butacite ® PVB Glass Interlayer**", expiring on 12/11/2016.



Jorge M. Plasencia, P. E.
Product Control Unit Supervisor
NOA No. 15-0723.11
Expiration Date: June 06, 2018
Approval Date: May 05, 2016

WinDoor, Inc.

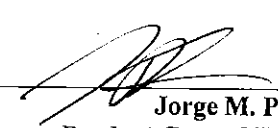
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 5th Edition (2014)** and of no financial interest, issued, prepared, signed, sealed and dated 06/08/15 by Luis R. Lomas, P. E.
2. Laboratory compliance letter for Test Report No. **NCTL-210-3779-1**, issued by National Certified Testing Laboratories, Inc., dated 05/08/12 signed and sealed by Gerald J, Ferrara, P.E.
(Submitted under previous NOA No. 12-820.09)

G. OTHERS

1. Notice of Acceptance No. **12-0820.09**, issued to WinDoor, Inc. for their Series "7000 Aluminum Sliding Glass Door w/ wo Reinforcements-L.M.I.", approved on 06/06/13 and expiring on 06/06/18.


Jorge M. Plasencia, P. E.
Product Control Unit Supervisor
NOA No. 15-0723.11
Expiration Date: June 06 , 2018
Approval Date: May 05, 2016

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE 5th. EDITION (2014) INCLUDING THE HVHZ.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL, WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD. 1X BUCK TO BE PROPERLY SECURED.
4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
5. FRAME MATERIAL: EXTRUDED 6063-T6 ALUMINUM.
6. UNITS MUST BE GLAZED AND COMPLY PER ASTM E1300-04/09, SEE SHEET 4 FOR GLAZING OPTIONS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. FOR ANCHORING INTO WOOD FRAMING OR (2) 2X BUCK USE #12 WOOD SCREWS (GRADE 5) WITH SUFFICIENT LENGTH TO ACHIEVE A 1 5/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" ELCO CRETE-FLEX TAPCONS ATT WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
11. ALL FASTENERS TO BE CORROSION RESISTANT.
12. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, NORMAL WEIGHT W/2KSI.
13. APPROVED CONFIGURATIONS (4 PANELS OR LESS) X, XX, OX, XO, XXX, OXO, XXO, OXX, XXXX, OXXX, XXXO.
14. SGD TO COMPLY WITH FBC EGRESS REQUIREMENTS AS APPLICABLE.

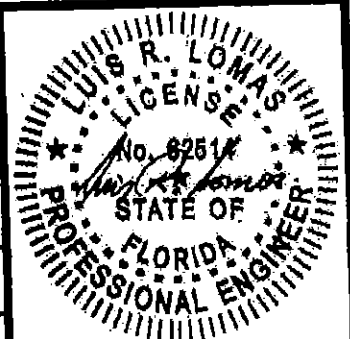
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.
D	ADDED CHARTS	04/17/13	R.L.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	GENERAL NOTES
2	ELEVATION
3	ANCHORING LAYOUT AND NOTES
4	BILL OF MATYERIALS AND GLAZING DETAILS
5 - 9	CROSS SECTIONS
10 - 12	INSTALLATION DETAILS
13 - 14	COMPONENTS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **15-0723.11**
Expiration Date **06/06/2018**
By *[Signature]*
Miami-Date Product Control

WinDoor INCORPORATED		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
7000 HP SERIES LMI REINFORCED & NON-REINFORCED GENERAL NOTES			
DRAWN: A.P.	DWG NO. 08-01663	REV D	
SCALE NTS	DATE 07/03/2012	SHEET 1 OF 14	

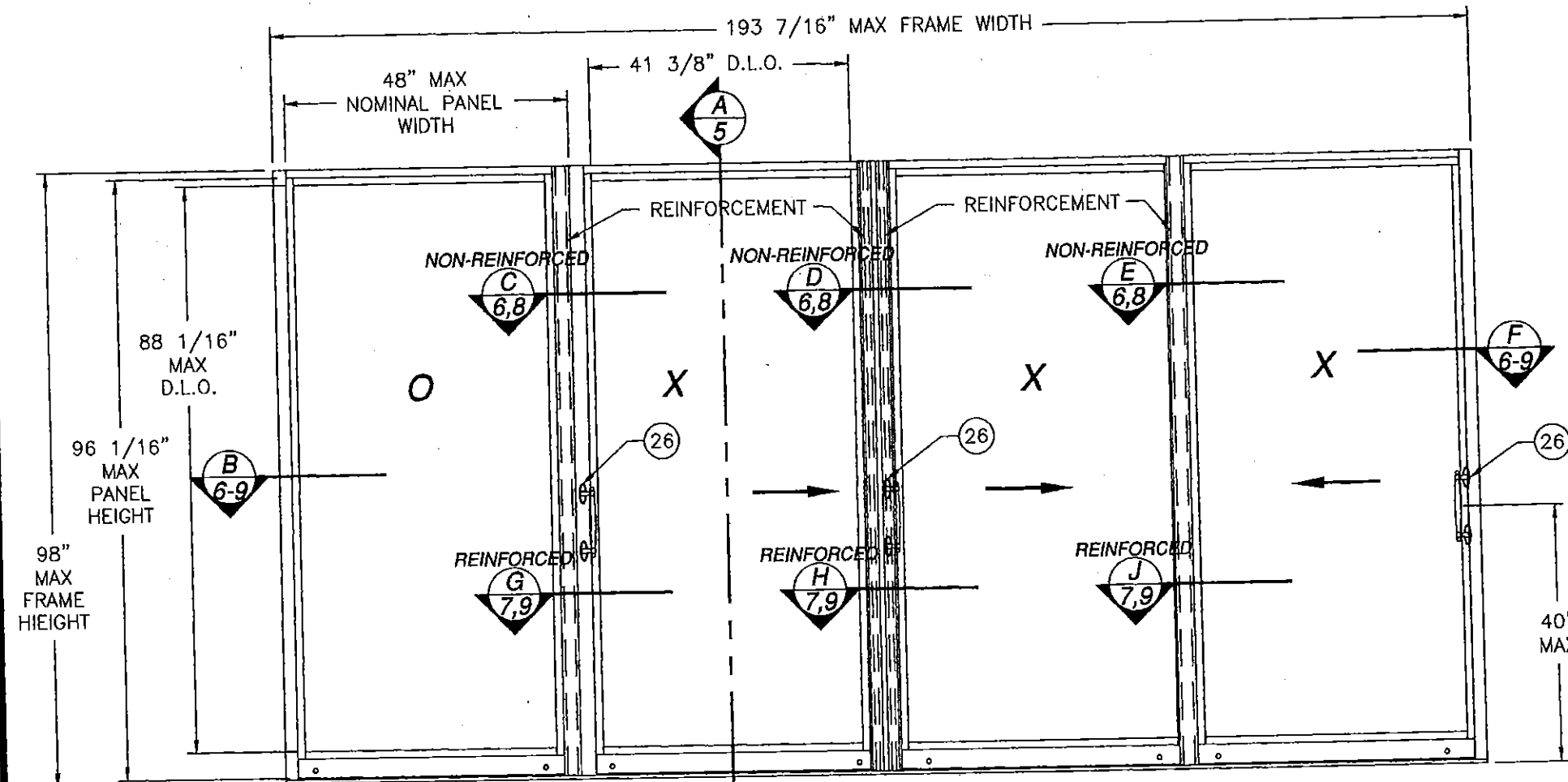
SIGNED: 04/18/2016



REVISIONS			
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PANEL CONSTRUCTION:
 PANELS ARE CONSTRUCTED FROM EXTRUDED 6063-T6 ALUMINUM. VERTICAL STILES ARE NOTCHED TO RECEIVE HORIZONTAL RAILS. EACH RAIL IS SECURED TO STILES WITH (3) #10 x 1 1/4" SQ. DRIVE SCREW AT EACH END. ALL PANELS HAVE AN INTERIOR FIXED GLAZING STOP AND AN EXTERIOR APPLIED GLAZING STOP.

FRAME CONSTRUCTION:
 EACH FRAME CORNER IS NOTCHED AND BUTTED. HEAD AND SILL ARE SECURED TO JAMBS WITH #7 x 1" TYPE F SCREW. (2) AT EACH CORNER ON 2 TRACK FRAME, (3) AT EACH CORNER ON 3 TRACK FRAME AND (4) AT EACH CORNER ON 4 TRACK FRAME.



**7000 HP SERIES ALUMINUM REINFORCED AND NON-REINFORCED
 SLIDING GLASS DOOR
 EXTERIOR VIEW**

FOR WOOD INSTALLATION

REINFORCED UNITS W/ SILL RISER ITEMS: 4, 5, 53, 54 & 64	
DESIGN PRESSURE RATING	IMPACT RATING
±47.4PSF	LARGE AND SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ SEE CHART PAGE 2A FOR SMALLER UNITS RATINGS	

NON-REINFORCED UNITS W/ SILL RISER ITEMS: 3, 4, 5, 52, 53, 54, 63 & 64	
DESIGN PRESSURE RATING	IMPACT RATING
±47.4PSF	LARGE AND SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ SEE CHART PAGE 2A FOR SMALLER UNITS RATINGS	

FOR MASONRY/ CONCRETE INSTALLATION

REINFORCED UNITS W/ SILL RISER ITEMS: 4, 5, 53, 54 & 64	
DESIGN PRESSURE RATING	IMPACT RATING
+80.0/-90.0 PSF	LARGE AND SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ SEE CHART PAGE 2A FOR SMALLER UNITS RATINGS	

NON-REINFORCED UNITS W/ SILL RISER ITEMS: 3, 4, 5, 52, 53, 54, 63 & 64	
DESIGN PRESSURE RATING	IMPACT RATING
+60.0/-70.0 PSF	LARGE AND SMALL MISSILE IMPACT
MISSILE LEVEL D, WIND ZONE 4 AND HVHZ SEE CHART PAGE 2A FOR SMALLER UNITS RATINGS	

FORMULAS FOR PANEL & D.L.O.:
 PANEL HEIGHT = FRAME HEIGHT - 1 15/16"
 D.L.O. HEIGHT = PANEL HEIGHT - 8"
 D.L.O. WIDTH = PANEL WIDTH - 7 1/4"

SIGNED: 04/18/2016

PRODUCT REVISED as complying with the Florida Building Code NOA-No. 15-0723.11 Expiration Date 06/06/2018 By <i>[Signature]</i> Miami-Dade Product Control	WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com			
	7000 HP SERIES LMI REINFORCED & NON-REINFORCED ELEVATION			
	DRAWN: A.P. SCALE: NTS	DWG NO. 08-01663 DATE: 07/03/2012		REV D SHEET 2 OF 14

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.
D	ADDED CHARTS	07/08/15	R.L.

CHART #1

Series 7000HP SGD Non-Reinforced For units installed in concrete/masonry structure w/all riser items: 3, 4, 5, 52, 53, 54, 63 & 64 Design pressure capacity chart (psf)										
Frame Height (in)	Frame Panel Width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	85.8
84.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	81.7
96.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	81.7	60.0	71.5
98.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	80.0	60.0	70.0

CHART #4

Series 7000HP SGD Reinforced For units installed in concrete/masonry structure w/all riser items: 4, 5, 53, 54 & 64 Design pressure capacity chart (psf)										
Frame Height (in)	Frame Panel Width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
84.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
96.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0
98.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0	80.0	90.0

CHART #2

Series 7000HP SGD Non-Reinforced For units installed in wood structure w/all riser items: 3, 4, 5, 52, 53, 54, 63 & 64 Design pressure capacity chart (psf)										
Frame Height (in)	Frame Panel Width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	60.0	90.0	60.0	86.3	60.0	75.4	60.0	67.9	60.0	62.6
84.0	60.0	90.0	60.0	81.3	60.0	70.8	60.0	63.6	58.4	58.4
96.0	60.0	83.4	60.0	69.2	59.9	59.9	63.4	53.4	48.7	48.7
98.0	60.0	81.5	60.0	67.5	58.4	58.4	62.0	52.0	47.4	47.4

CHART #3

Series 7000HP SGD Reinforced For units installed in wood structure w/all riser items: 4, 5, 53, 54 & 64 Design pressure capacity chart (psf)										
Frame Height (in)	Frame Panel Width (in)									
	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	80.0	90.0	80.0	86.3	75.4	75.4	67.9	67.9	62.6	62.6
84.0	80.0	90.0	80.0	81.3	70.8	70.8	63.6	63.6	58.4	58.4
96.0	80.0	83.4	69.2	69.2	59.9	59.9	53.4	53.4	48.7	48.7
98.0	80.0	81.5	67.5	67.5	58.4	58.4	52.0	52.0	47.4	47.4

SIGNED: 04/18/2016

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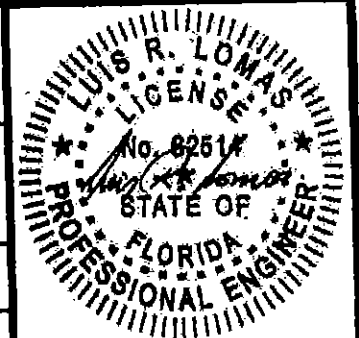
By 
Miami-Dade Product Control

WinDoor
INCORPORATED

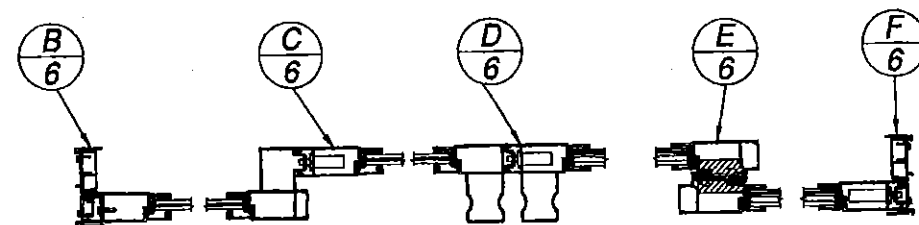
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7000 HP SERIES LMI REINFORCED
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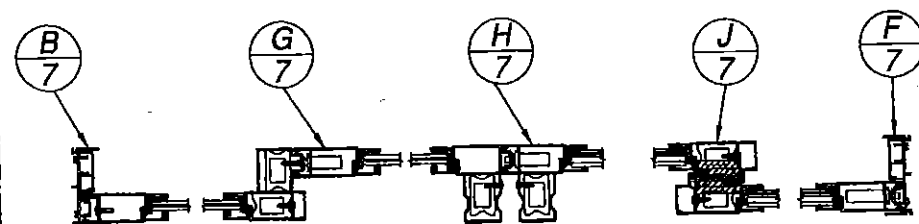
DRAWN: A.P.
SCALE NTS
DWG NO. 08-01663
DATE 07/03/2012
SHEET 2A OF 14
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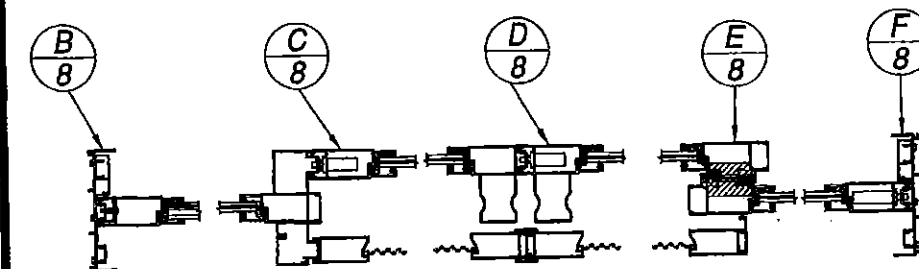
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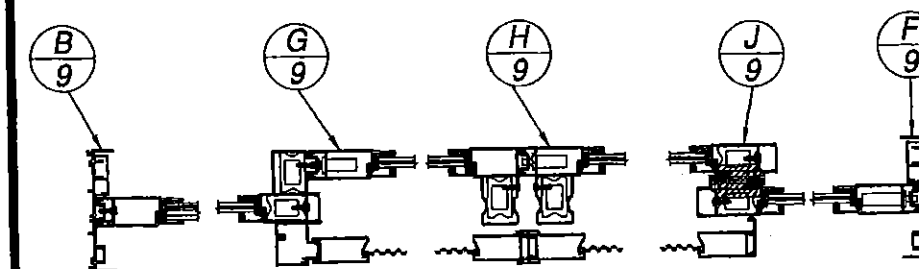
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HORIZONTAL CROSS SECTION
2 TRACK NON-REINFORCED



EXTERIOR
HORIZONTAL CROSS SECTION
2 TRACK REINFORCED

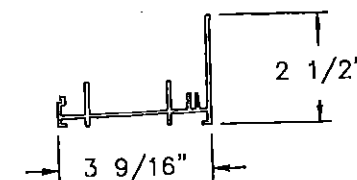


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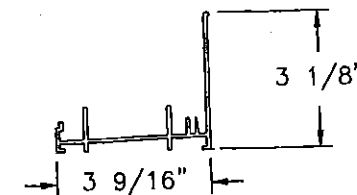


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HORIZONTAL CROSS SECTION
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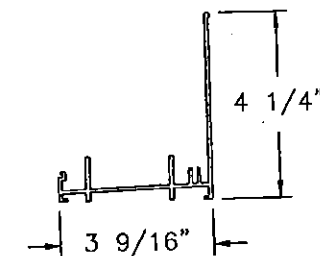
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6063-T6 ALUMINUM .075" THICK



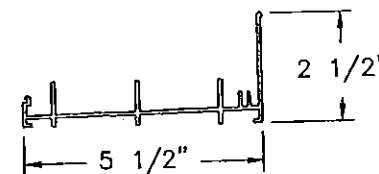
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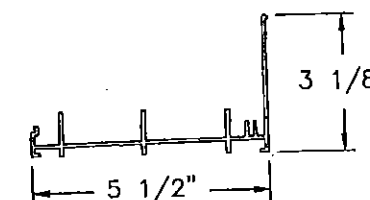
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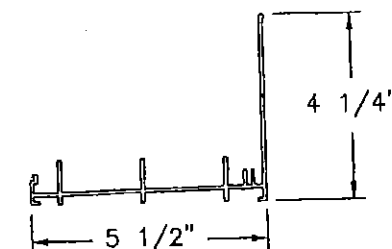
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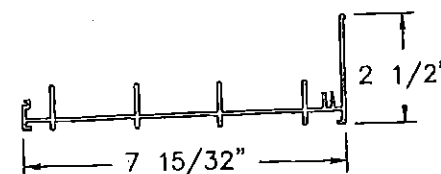
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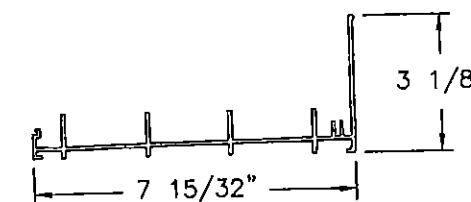
⑤④ 3T SILL PAN 4 1/4" RISER
6063-T6 ALUMINUM .075" THICK



⑥③ 4T SILL PAN 2 1/2" RISER
6063-T6 ALUMINUM .075" THICK




⑥④ 4T SILL PAN 3 1/8" RISER
6063-T6 ALUMINUM .075" THICK



OPTIONAL SILL RISERS
SEE DP RATINGS IN SHEET 2

SIGNED: 04/18/2016

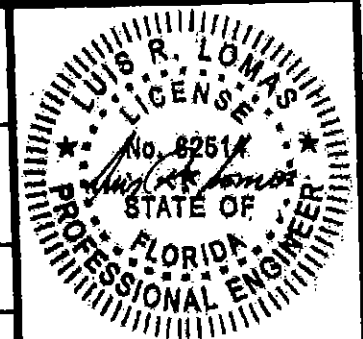
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 15-0723.11
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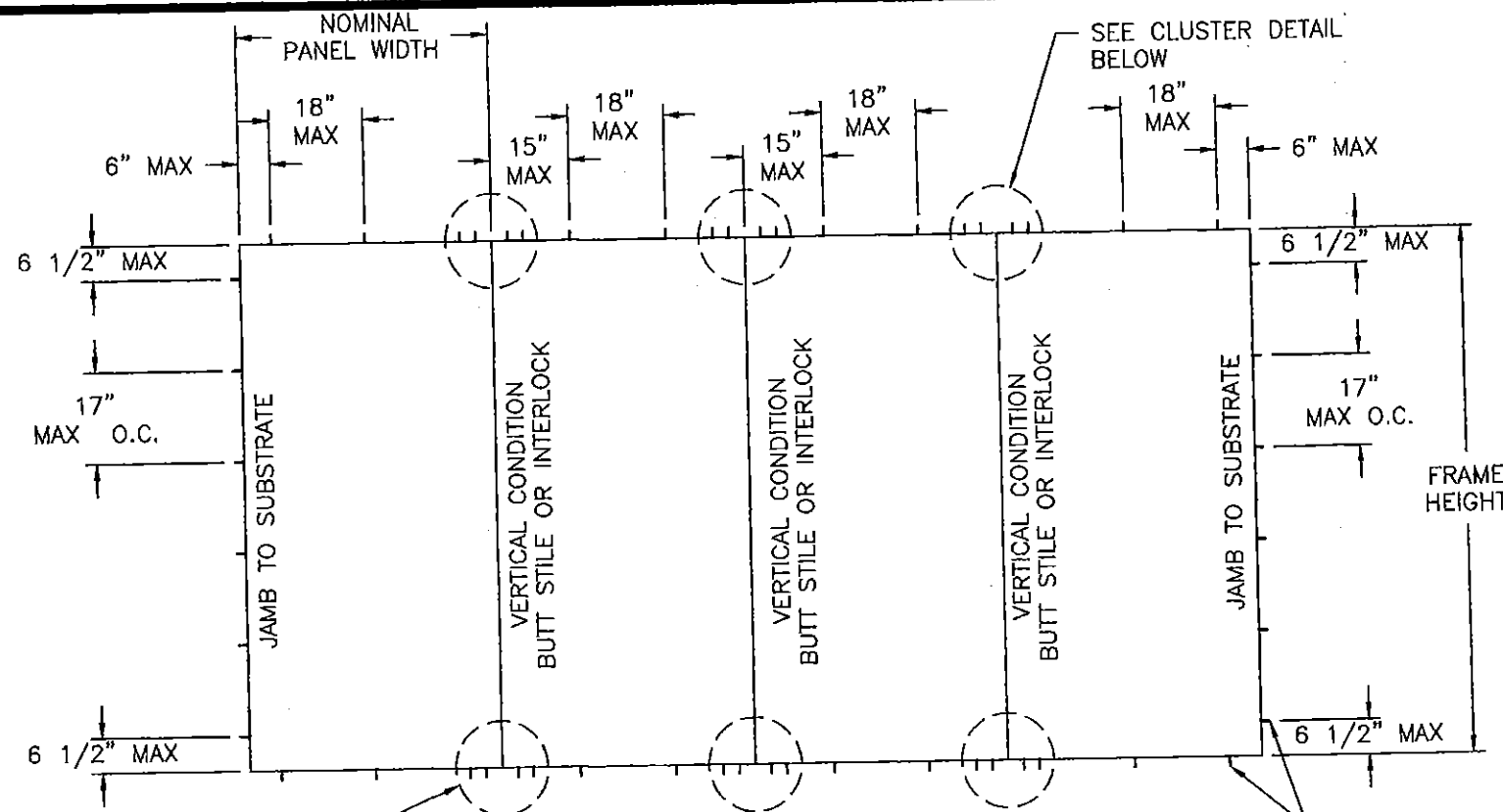
WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
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Phone: 407.481.8400
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www.windoorinc.com

7000 HP SERIES LMI REINFORCED
& NON-REINFORCED
ELEVATION

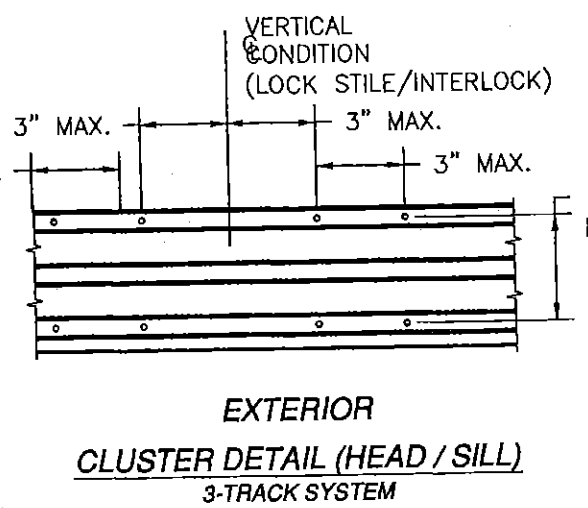
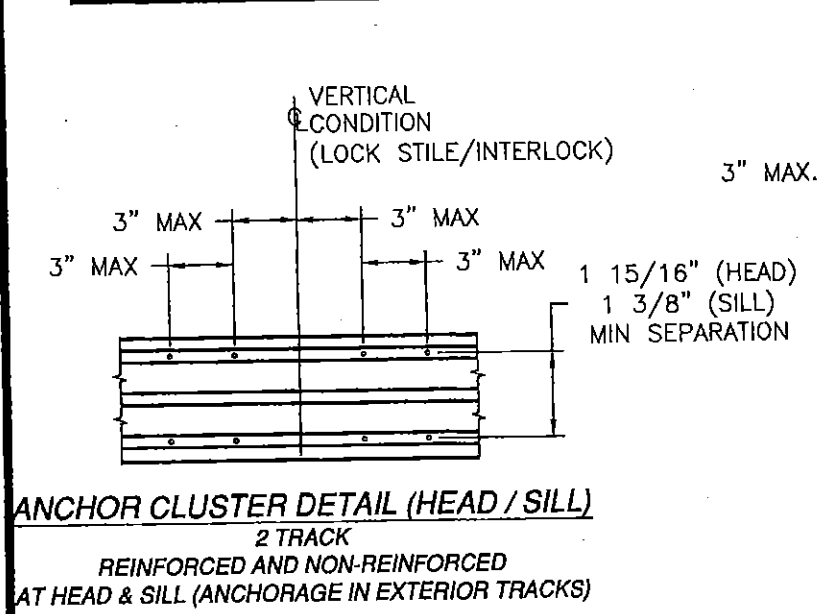
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SCALE NTS DATE 07/03/2012 SHEET 2B OF 14



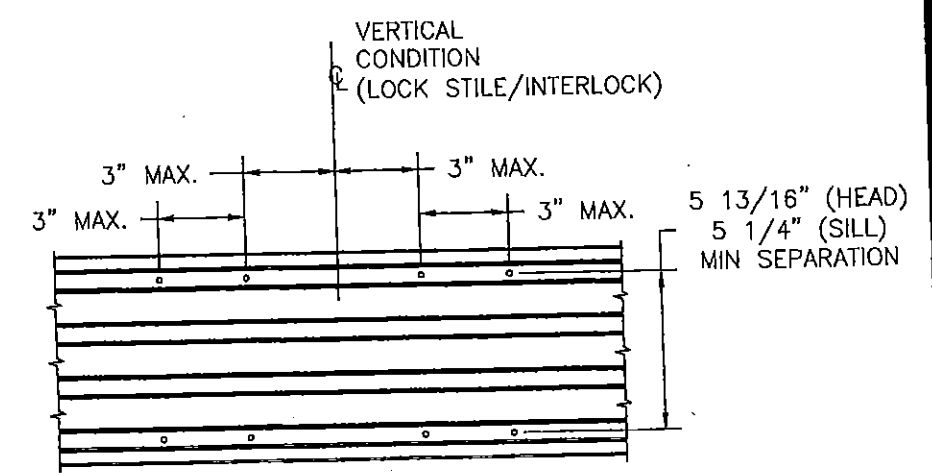
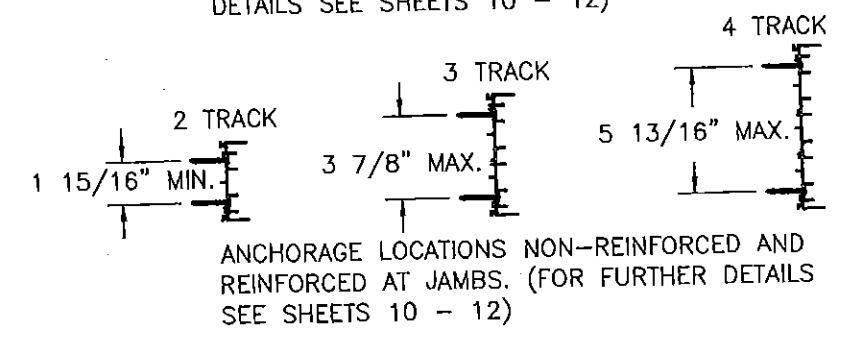
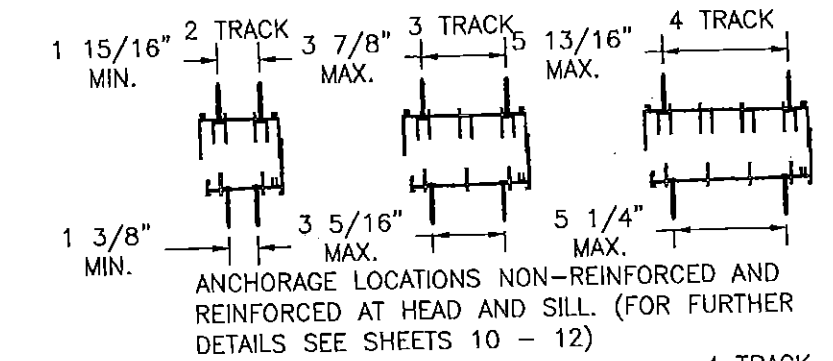


SEE CLUSTER DETAIL BELOW
ANCHORING LAYOUT NON-REINFORCED AND REINFORCED UNITS
 4 PANELS UNIT SHOWN, APPLICABLE TO ALL 4 PANELS OR LESS CONFIGURATIONS USING SAME ANCHOR CLUSTER AND PATTERN

Frame Height (in)	Number of anchor locations required								
	Single Panel Width (in)								
	24.0			30.0			36.0		
	H&S	Jamb	Astragal Cluster	H&S	Jamb	Astragal Cluster	H&S	Jamb	Astragal Cluster
80.0	1	5	4	1	5	4	2	5	4
84.0	1	6	4	1	6	4	2	6	4
96.0	1	6	4	1	6	4	2	6	4
98.0	1	7	4	1	7	4	2	7	4



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.
D	ADDED CHARTS	07/08/15	R.L.



EXTERIOR CLUSTER DETAIL (HEAD / SILL)
 4-TRACK SYSTEM

SIGNED: 04/18/2016

PRODUCT REVISED
 as complying with the Florida Building Code
 NOA-No. **15-0723.11**
 Expiration Date **06/06/2018**

By *[Signature]*
 Miami-Dade Product Control

WinDoor INCORPORATED
 7500 AMSTERDAM DRIVE
 ORLANDO, FL 32832
 Phone: 407.481.8400
 Fax: 407.481.0505
 www.windoorinc.com

7000 HP SERIES LMI REINFORCED & NON-REINFORCED ANCHORING LAYOUT AND NOTES

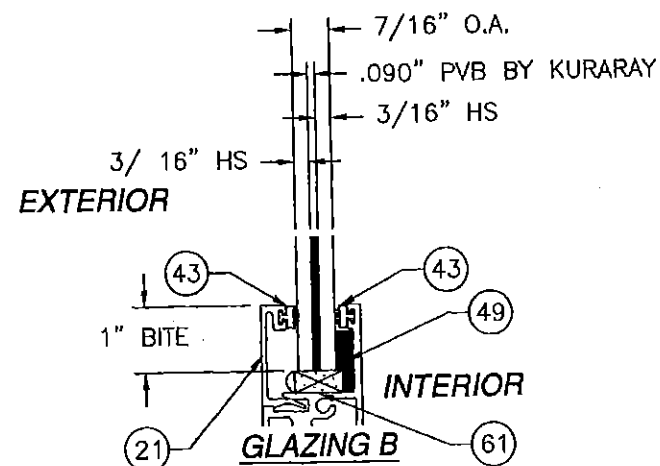
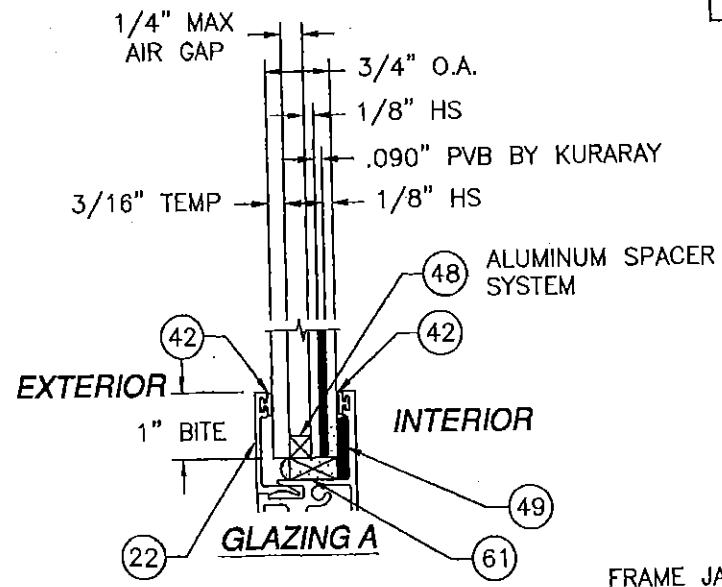
DRAWN: A.P.
 SCALE: NTS

DWG NO. 08-01663
 DATE: 07/03/2012

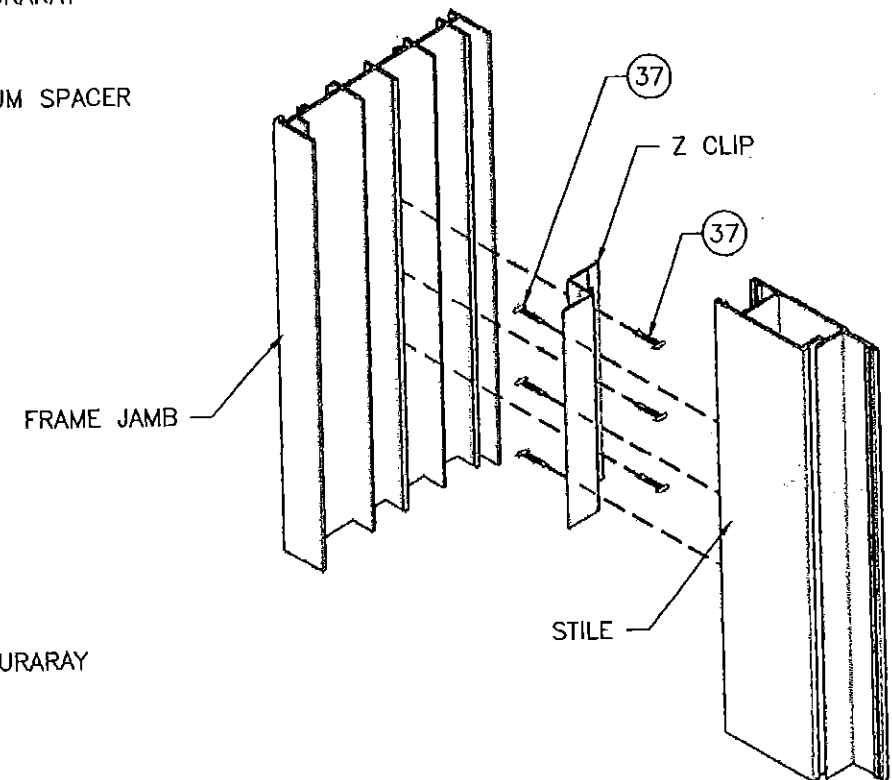
REV D
 SHEET 3 OF 14

PROFESSIONAL ENGINEER
 LUIS R. LOMAS
 No. 82514
 STATE OF FLORIDA

BILL OF MATERIAL			
NO.	PART NO.	DESCRIPTION	
1	FS-04522	2T FRAME HEAD	KEYMARK 6063-T6
2	FS-04531	2T FRAME JAMB	KEYMARK 6063-T6
3	FS-04525	2T FRAME SILL PAN WITH 2 1/2" RISER	KEYMARK 6063-T6
4	FS-04526	2T FRAME SILL PAN WITH 3 1/8" RISER	KEYMARK 6063-T6
5	S-46254	2T FRAME SILL PAN WITH 4 1/4" RISER	KEYMARK 6063-T6
6	FS-04529	2T FRAME SILL PAN INSERT	KEYMARK 6063-T6
7	FS-04313	FRAME HEAD TRACK COVER	KEYMARK 6063-T6
8	FS-04501	RECESSED JAMB TRACK COVER	KEYMARK 6063-T6
9	FS-04509	FLUSH JAMB COVER	KEYMARK 6063-T6
10	FS-04535	PANEL STOP SILL COVER	KEYMARK 6063-T6
11	FS-04332	PANEL STOP HEAD COVER	KEYMARK 6063-T6
12	FS-04631	TOP AND BOTTOM RAIL	KEYMARK 6063-T6
13	FH-04327	PANEL STILE	KEYMARK 6063-T6
14	FH-04516	PANEL INTERLOCK LEFT HAND STILE	KEYMARK 6063-T6
15	FH-04515	PANEL INTERLOCK RIGHT HAND STILE	KEYMARK 6063-T6
16	FH-04789	MALE BUTT STILE	KEYMARK 6063-T6
17	FH-04790	LOCKING BUTT STILE	KEYMARK 6063-T6
18	FH-04505	INTERIOR FIXED BUTT STILE OFFSET	KEYMARK 6063-T6
19	FH-04312	INTERLOCK COVER	KEYMARK 6063-T6
20	FH-04503	INTERLOCK REINFORCING BAR	KEYMARK 6005-15
21	FS-04533	9/16" GLASS STOP	KEYMARK 6063-T6
22	FS-04524	3/4" GLASS STOP	KEYMARK 6063-T6
23	FS-05391	Z-CLIP	KEYMARK 6063-T6
24	5000 SS PDR	TANDEM ROLLER SS	
25	2186MI-INT	TRADITIONAL INTERNAL TYPE A HANDLE SET	
26	7014 SS DLPA	DUAL POINT MORTISE LOCK & KEEPER SET	
27	QW1023BOR75037	RUBBER PANEL BUMPER	
28	V-INT TP 876	INTERLOCK BUMPER	
29	PRE-PACK B	TANDEM ROLLER ADJUSTMENT HOLE COVER	
30	DRG#05-100 V2	PANEL TOP GUIDE	
31	FS-05365	BUTT SCREEN ADAPTER COVER	KEYMARK 6063-T6
32		SCREEN CLOTH	
33	#8 X 1/4"	SILL ASSY. SCREW PH TYPE B 18-8 SS	
34	#8 X 3/4"	ROLLER INSTALL. SCREWS PH TYPE F SS 410	
35	#10 X 1 1/4"	PANEL ASSEMBLY SCREW SQ. DRIVE PPOINT SS 18-8	
36	#8 X 5/8"	FRAME ASSEMBLY SCREW PH TYPE A 410-SS	
37	#10 X 3/4"	Z CLIP & REINFORCEMENT INSTALLATION SCREW PH TEK SCREW	
38		SCREEN SPLINE	
39	#10 X 1/2"	LOCK INSTALLATION SCREW FH TYPE A SMS SS 18-8	
40		1 1/4" X 2 1/4" X 1" FIN PAD	
41		1" X 1" X 3/4" FIN PAD	
42	GS-VN-05A	TP 1060 GLAZING VINYL, 3/4" GLASS	
43	GS-VN-07A	TP 1048 GLAZING VINYL, 7/16" GLASS	
44	T5044AMK	0.187" X 0.500" X 1.375" ULTRA PLUG SINGLE FIN SPECIAL	
45	W332217K0000	0.187" X 0.220" FIN WEATHER STRIP	
46	W234017K0000	0.187" X 0.400" FIN WEATHER STRIP	
47	W333517K0000	0.187" X 0.350" FIN WEATHER STRIP	
48		GLASS SPACER 1/4" THICK	HELIMA 3000
49	SIKA 552	URETHANE SEALANT	SIKA
50	FS-04511	3T FRAME HEAD	KEYMARK 6063-T6
51	FS-04510	3T FRAME JAMB	KEYMARK 6063-T6
52	FS-04506	3T FRAME SILL PAN WITH 2 1/2" RISER	KEYMARK 6063-T6
53	FS-04507	3T FRAME SILL PAN WITH 3 1/8" RISER	KEYMARK 6063-T6
54	S-46255	3T FRAME SILL PAN WITH 4 1/4" RISER	KEYMARK 6063-T6
55	FS-04508	3T FRAME SILL PAN INSERT	KEYMARK 6063-T6
56	FS-05364	BUTT SCREEN ADAPTER	KEYMARK 6063-T6
57	FH-02300	STANDARD SCREEN TOP & BOTTOM RAIL	KEYMARK 6063-T6
58	FH-02395	STANDARD SCREEN STILE	KEYMARK 6063-T6
59	FS-02650	OXO STANDARD SCREEN ASTRAGAL	KEYMARK 6063-T6
60	FS-04329	SCREEN WIPER	KEYMARK 6063-T6
61		SETTING BLOCK	MIN 70 DUROMETER
62	FS-04523	4T FRAME HEAD	KEYMARK 6063-T6
63	FS-04527	4T FRAME SILL PAN WITH 2 1/2" RISER	KEYMARK 6063-T6
64	FS-04528	4T FRAME SILL PAN WITH 3 1/8" RISER	KEYMARK 6063-T6
65	FS-04530	4T SILL INSERT	KEYMARK 6063-T6
66	FS-04532	4T FRAME JAMB	KEYMARK 6063-T6



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.
D	ADDED CHARTS	07/08/15	R.L.



Z CLIP (ITEM 23) ATTACHMENT DETAIL
 (3) CLIPS USED
 LOCATE CLIPS 6" FROM
 TOP AND BOTTOM AND AT
 MIDDLE OF PANEL

SIGNED: 04/18/2016

PRODUCT REVISED
 as complying with the Florida
 Building Code
 NOA-No. **15-0723.11**
 Expiration Date **06/06/2018**

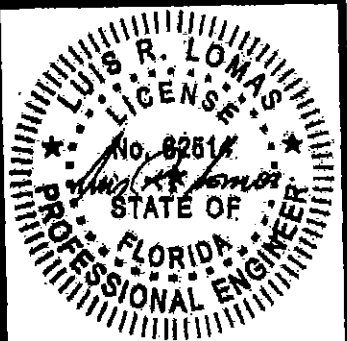
By *[Signature]*
 Miami-Dade Product Control

WinDoor
 INCORPORATED

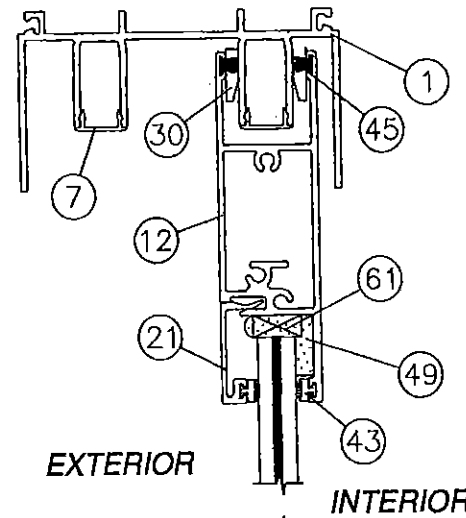
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7000 HP SERIES LMI REINFORCED
 & NON-REINFORCED
 BILL OF MATERIALS AND GLAZING DETAILS

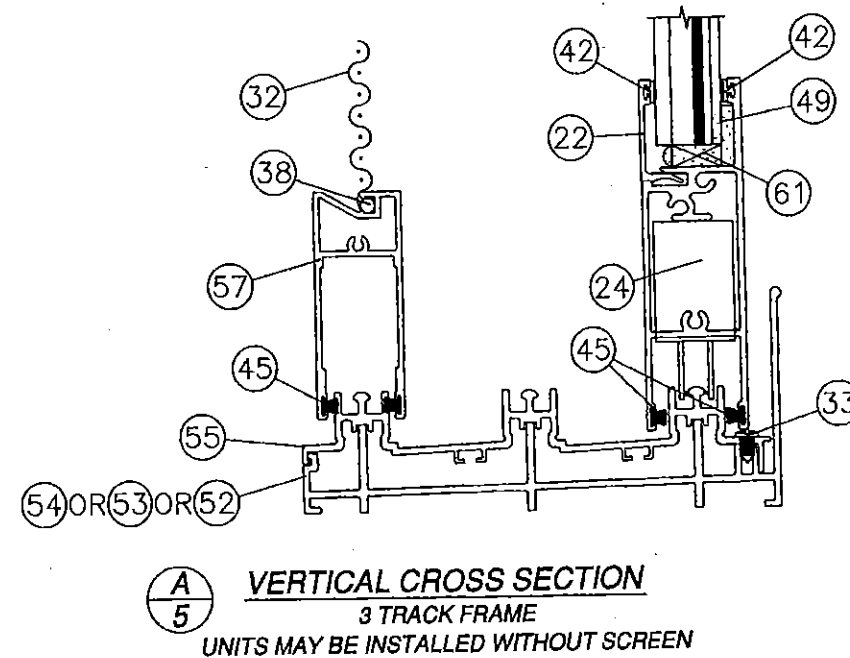
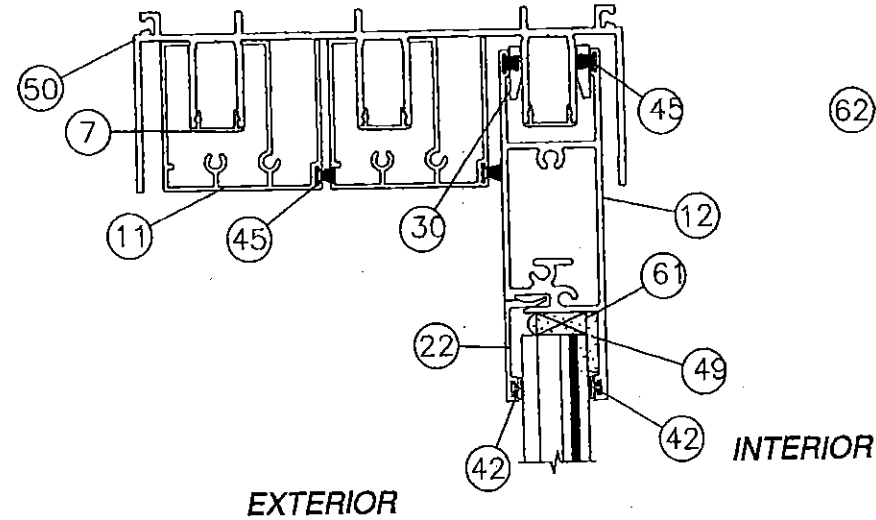
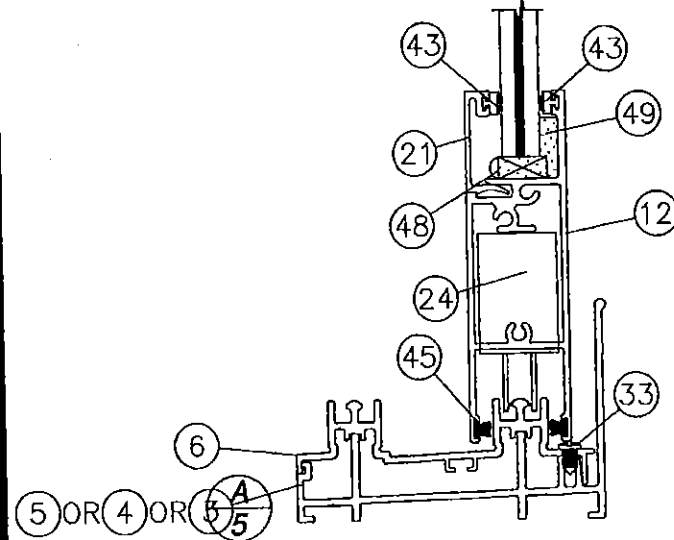
DRAWN: A.P. DWG NO. 08-01663 REV D
 SCALE NTS DATE 07/03/2012 SHEET 4 OF 14



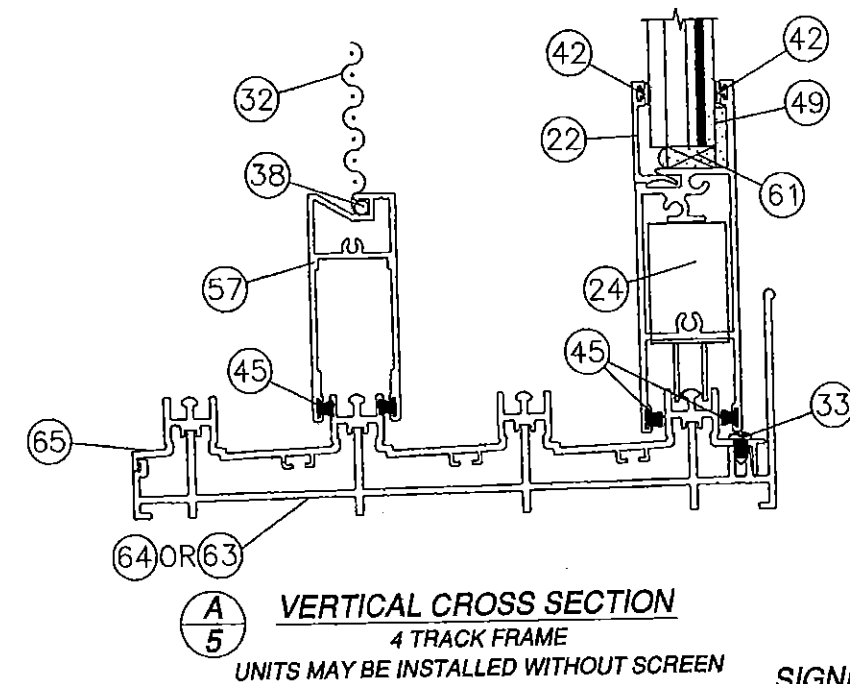
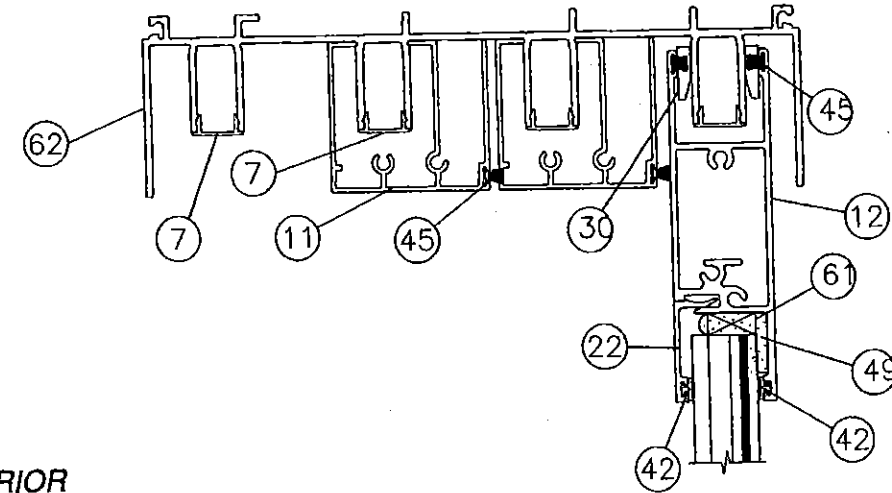
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.
D	ADDED CHARTS	04/17/13	R.L.



VERTICAL CROSS SECTION
2 TRACK FRAME



VERTICAL CROSS SECTION
3 TRACK FRAME
UNITS MAY BE INSTALLED WITHOUT SCREEN



VERTICAL CROSS SECTION
4 TRACK FRAME
UNITS MAY BE INSTALLED WITHOUT SCREEN

SIGNED: 04/18/2016

FOR ILLUSTRATION ONLY
FOR INSTALLATION SEE DETAILS
IN SHEETS 10 THROUGH 12

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **15-0723.11**
Expiration Date **06/06/2018**

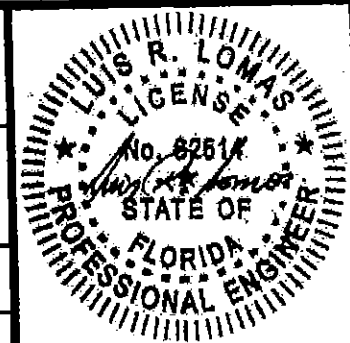
By *[Signature]*
Miami-Dade Product Control

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INCORPORATED

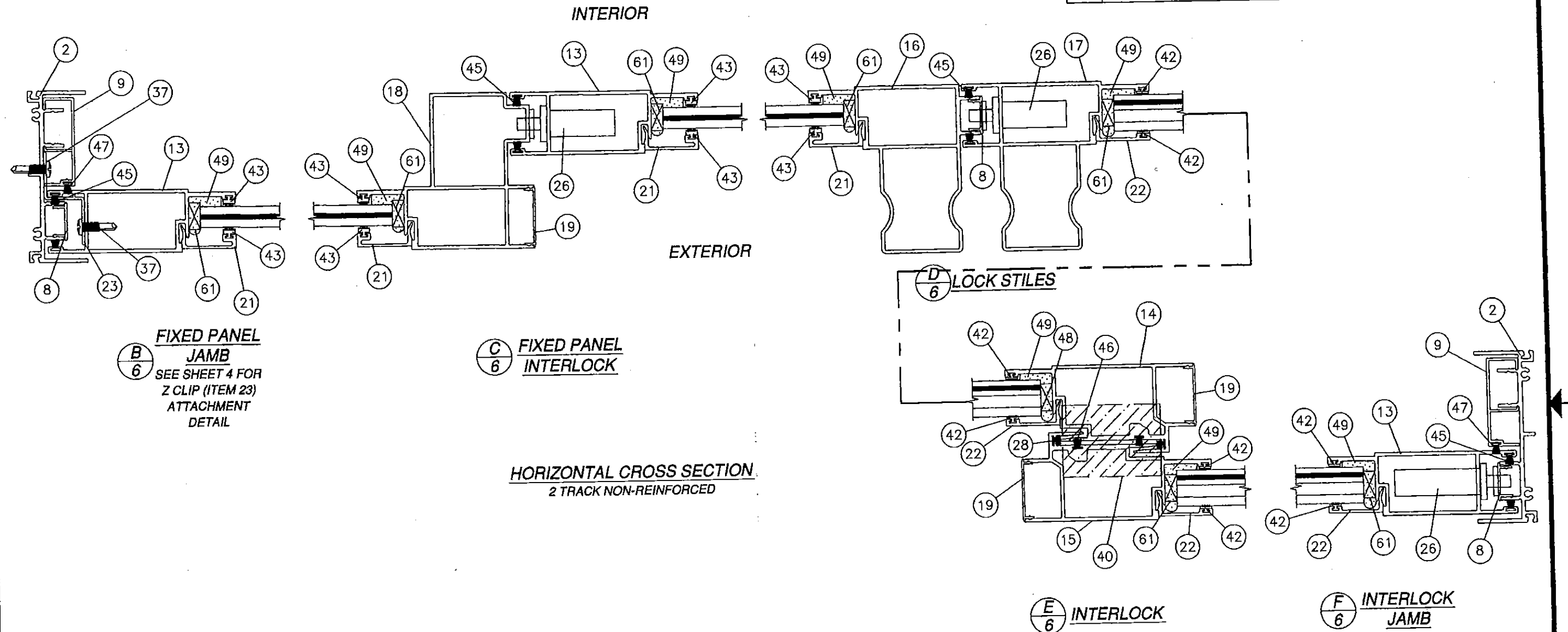
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7000 HP SERIES LMI REINFORCED
& NON-REINFORCED
CROSS SECTIONS

DRAWN: A.P. DWG NO. 08-01663 REV D
SCALE NTS DATE 07/03/2012 SHEET 5 OF 14



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.
D	ADDED CHARTS	07/08/15	R.L.



FOR ILLUSTRATION ONLY
FOR INSTALLATION SEE DETAILS
IN SHEETS 10 THROUGH 12

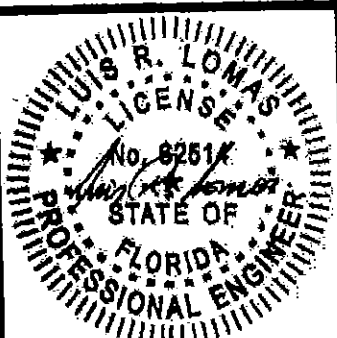
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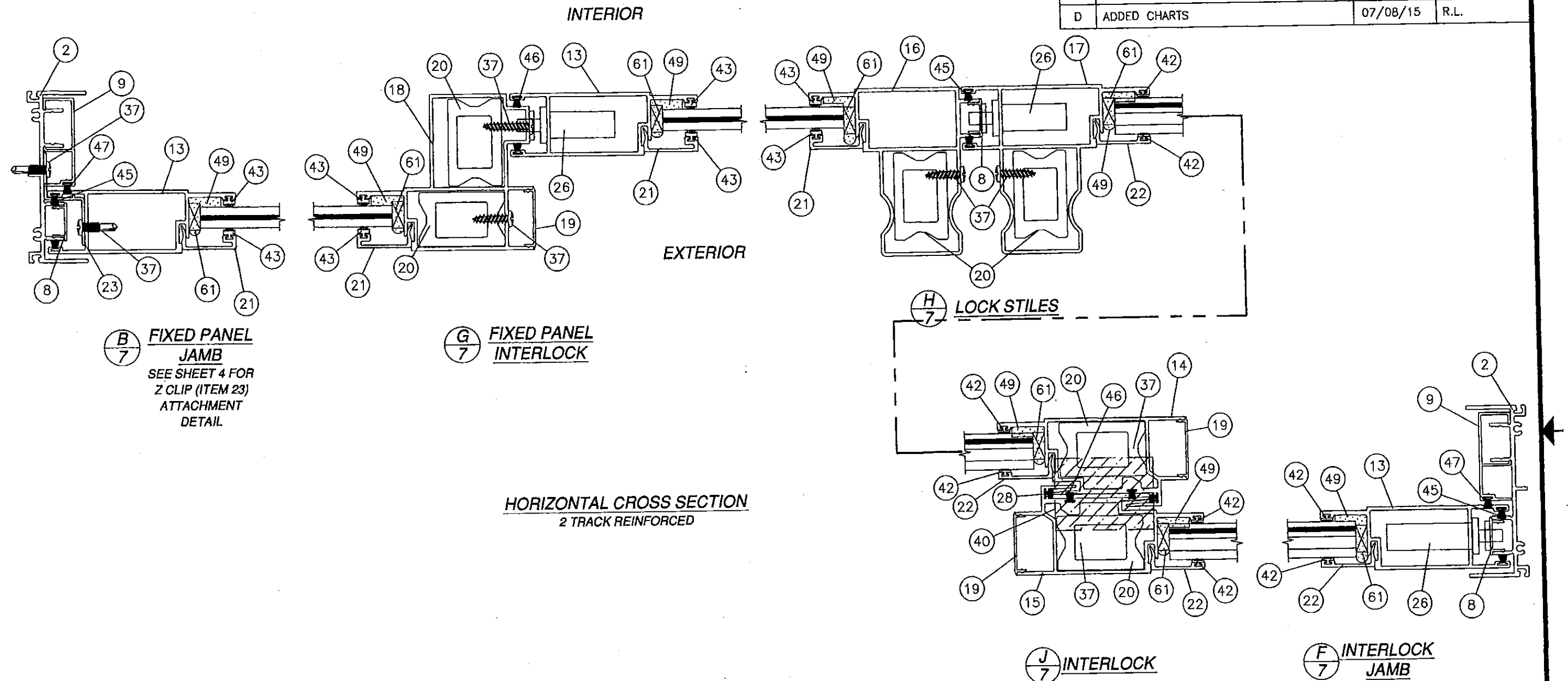
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7000 HP SERIES LMI REINFORCED
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CROSS SECTIONS

DRAWN: A.P. DWG NO. 08-01663 REV D
SCALE NTS DATE 07/03/2012 SHEET 6 OF 14



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.
D	ADDED CHARTS	07/08/15	R.L.



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IN SHEETS 10 THROUGH 12

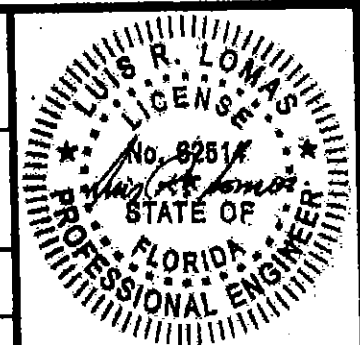
SIGNED: 04/18/2016

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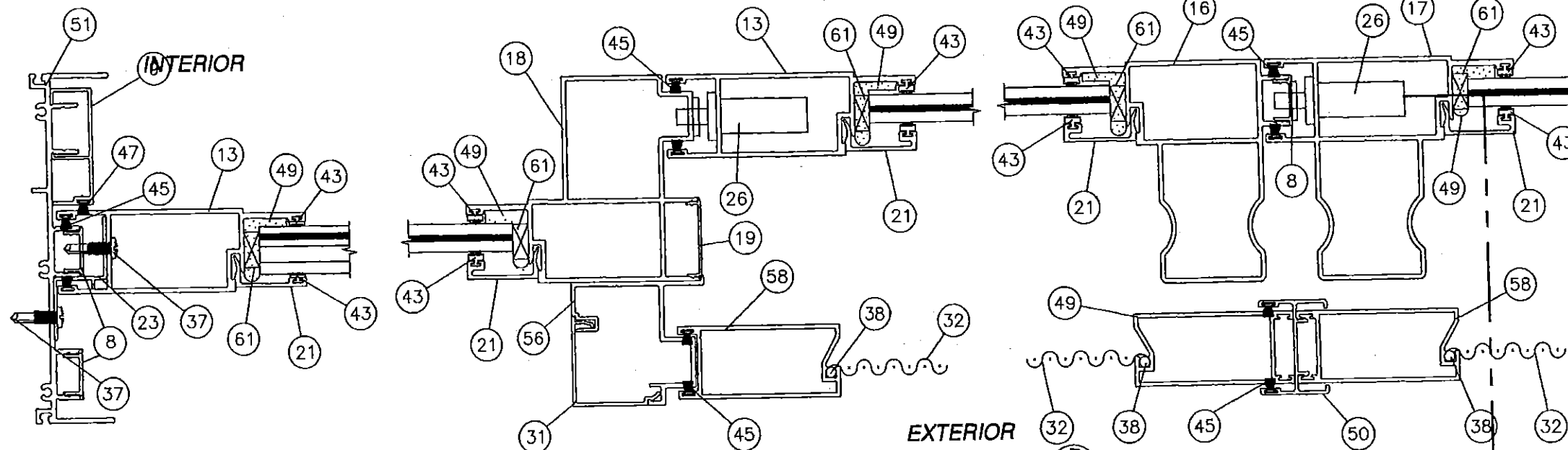
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7000 HP SERIES LMI REINFORCED
& NON-REINFORCED
CROSS SECTIONS

DRAWN: A.P. DWG NO. 08-01663 REV D
SCALE NTS DATE 07/03/2012 SHEET 7 OF 14



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.
D	ADDED CHARTS	07/08/15	R.L.



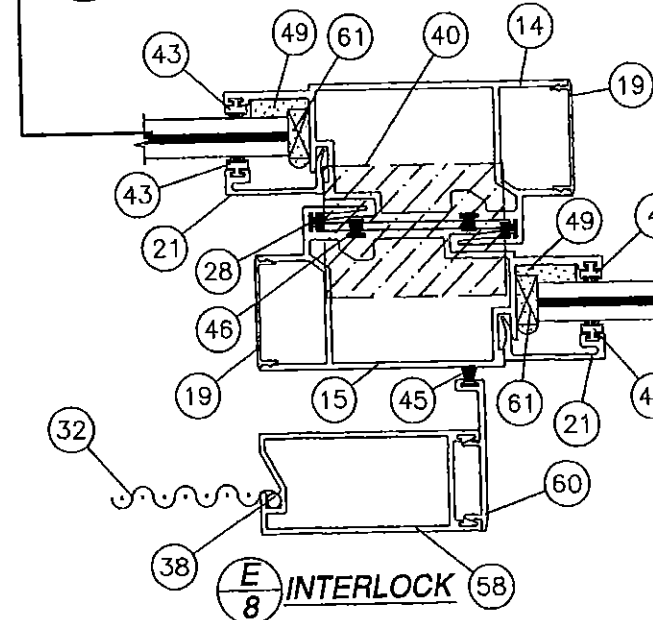
B
8 FIXED PANEL JAMB
SEE SHEET 4 FOR
Z CLIP (ITEM 23)
ATTACHMENT
DETAIL

C
8 FIXED PANEL INTERLOCK

HORIZONTAL CROSS SECTION
3 TRACK NON-REINFORCED
UNITS MAY BE INSTALLED WITHOUT SCREEN

EXTERIOR

D
8 LOCK STILES



F
8 INTERLOCK JAMB

SIGNED: 04/18/2016

FOR ILLUSTRATION ONLY
FOR INSTALLATION SEE DETAILS
IN SHEETS 10 THROUGH 12

PRODUCT REVISED
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NOA-No. **15-0723.11**

Expiration Date **06/06/2018**

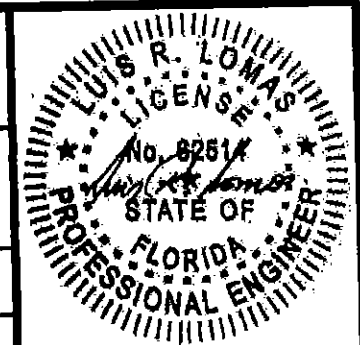
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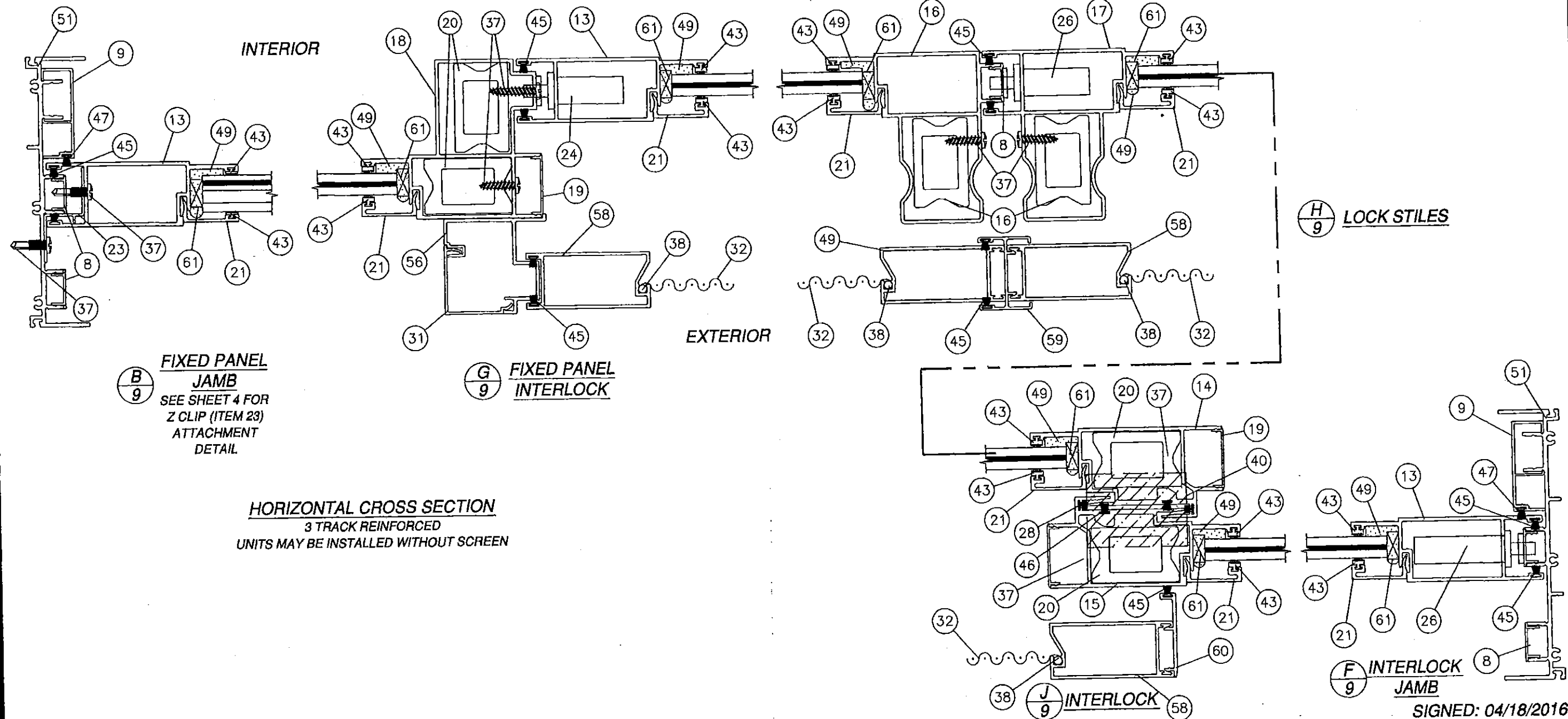
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7000 HP SERIES LMI REINFORCED
& NON-REINFORCED
CROSS SECTIONS

DRAWN: A.P.	DWG NO. 08-01663	REV D
SCALE NTS	DATE 07/03/2012	SHEET 8 OF 14



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.
D	ADDED CHARTS	07/08/15	R.L.



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 FOR INSTALLATION SEE DETAILS
 IN SHEETS 10 THROUGH 12

PRODUCT REVISED
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 Expiration Date **06/06/2018**

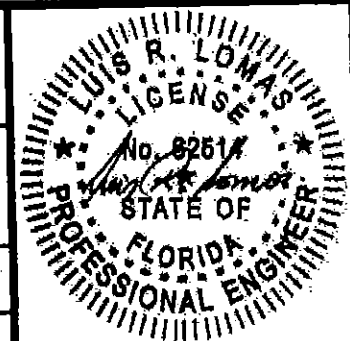
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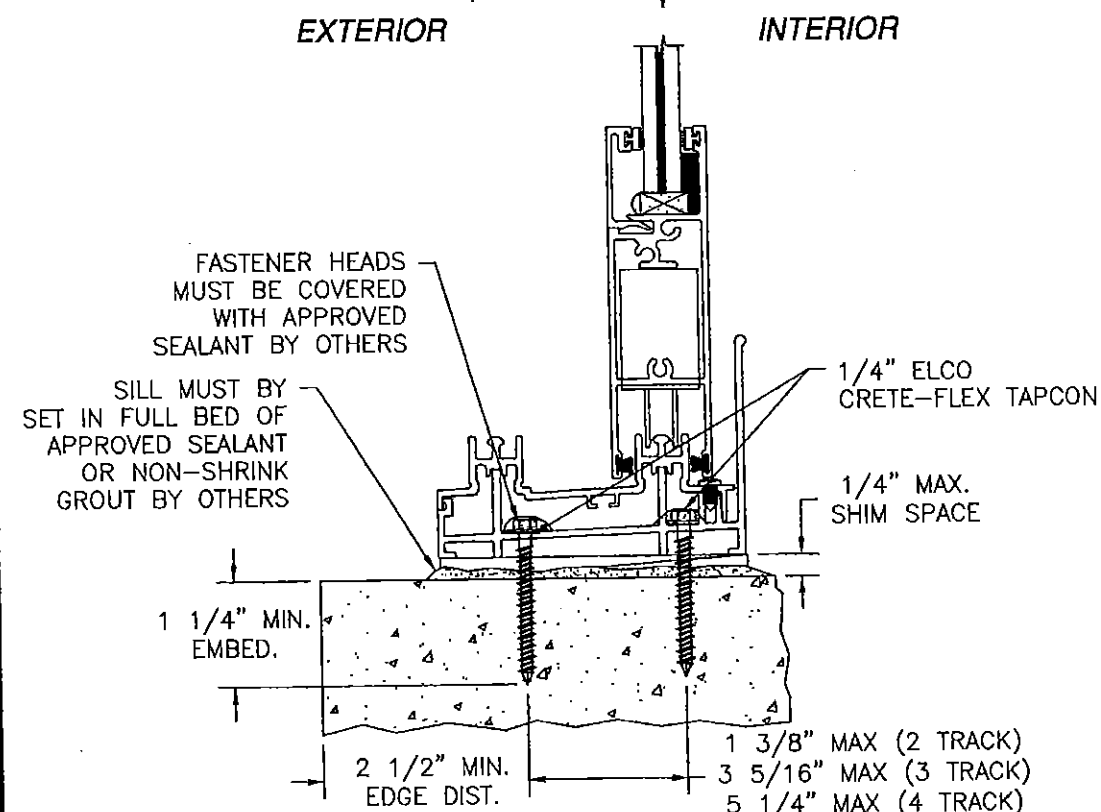
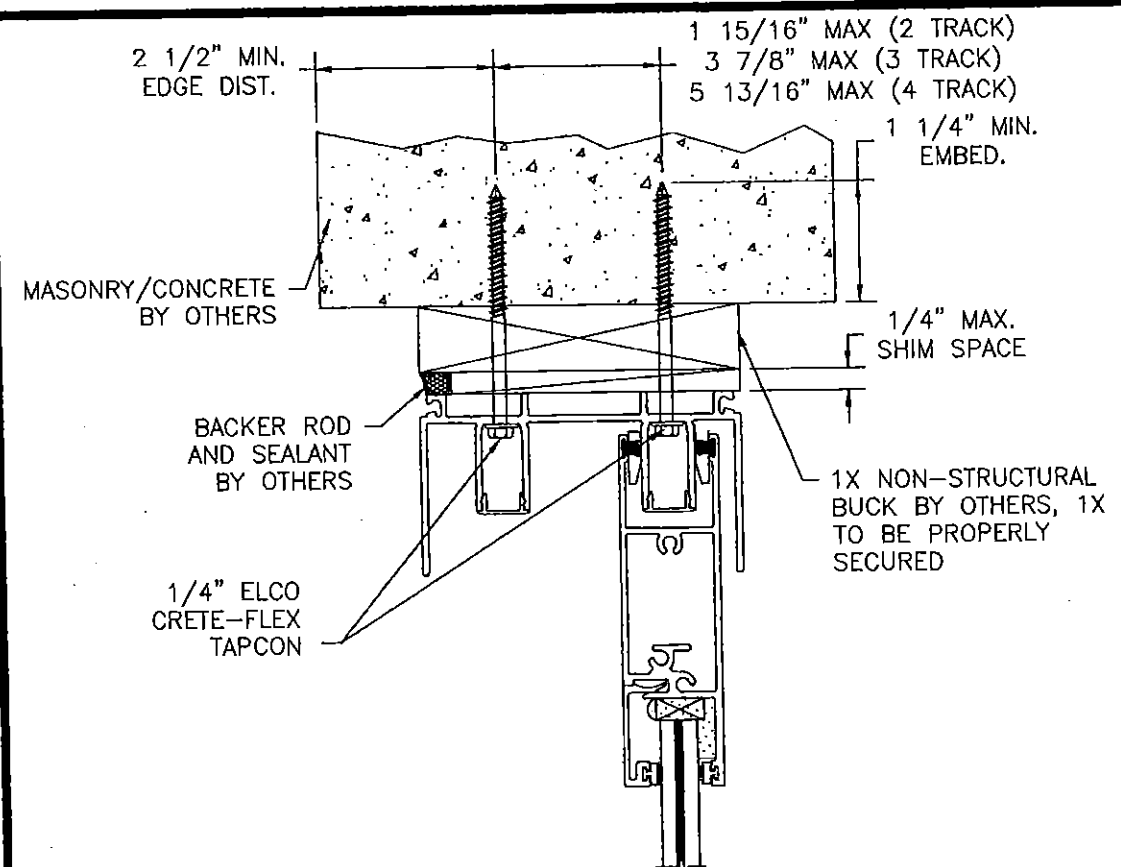
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 & NON-REINFORCED
 CROSS SECTIONS

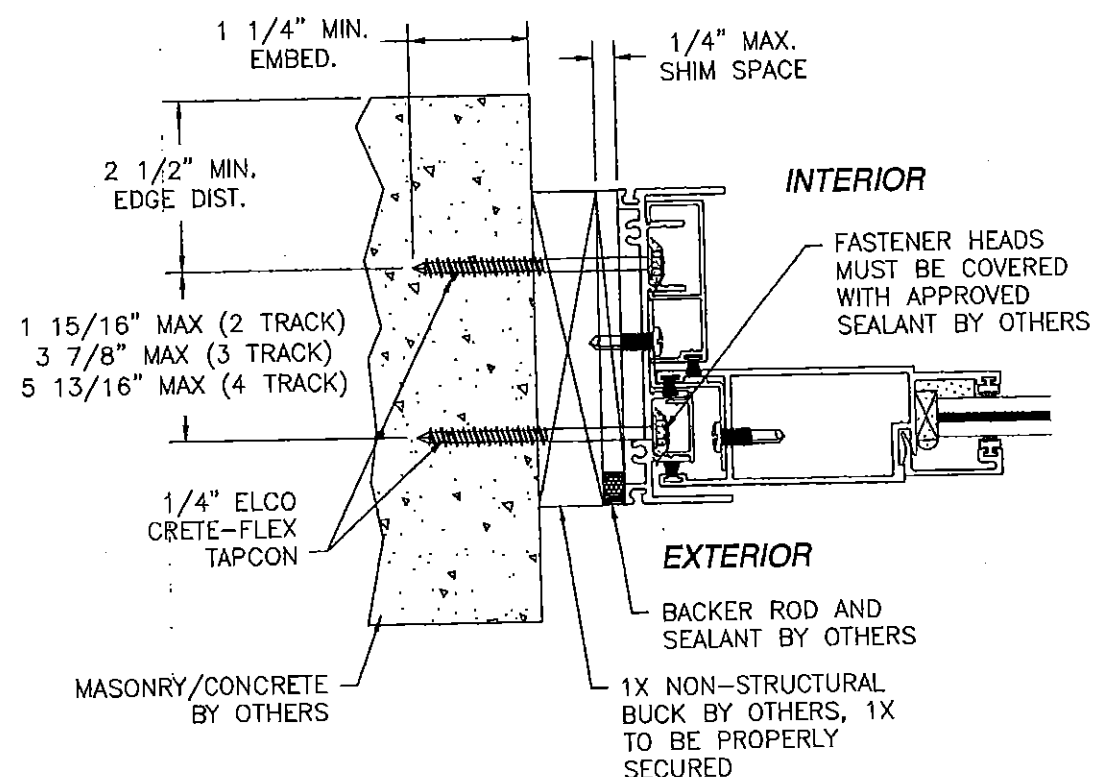
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SCALE NTS	DATE 07/03/2012	SHEET 9 OF 14



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.
D	ADDED CHARTS	07/08/15	R.L.



2 TRACK VERTICAL SECTION
MASONRY/CONCRETE INSTALLATION
2 TRACK SHOWN 3 & 4 TRACK SIMILAR
SEE ANCHOR LAYOUT SHEET 3



2 TRACK FRAME JAMB
1X BUCK TO MASONRY/CONCRETE INSTALLATION,
2TRACK SHOWN 3 & 4 TRACK SIMILAR
SEE ANCHOR LAYOUT SHEET 3

- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
 2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 04/18/2016

PRODUCT REVISED
as complying with the Florida
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NOA-No. **15-0723.11**

Expiration Date **06/06/2018**

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7000 HP SERIES LMI REINFORCED
& NON-REINFORCED
INSTALLATION DETAILS

DRAWN:
A.P.

DWG NO.

08-01663

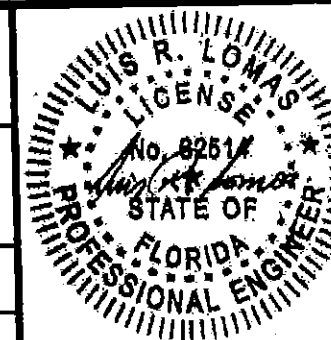
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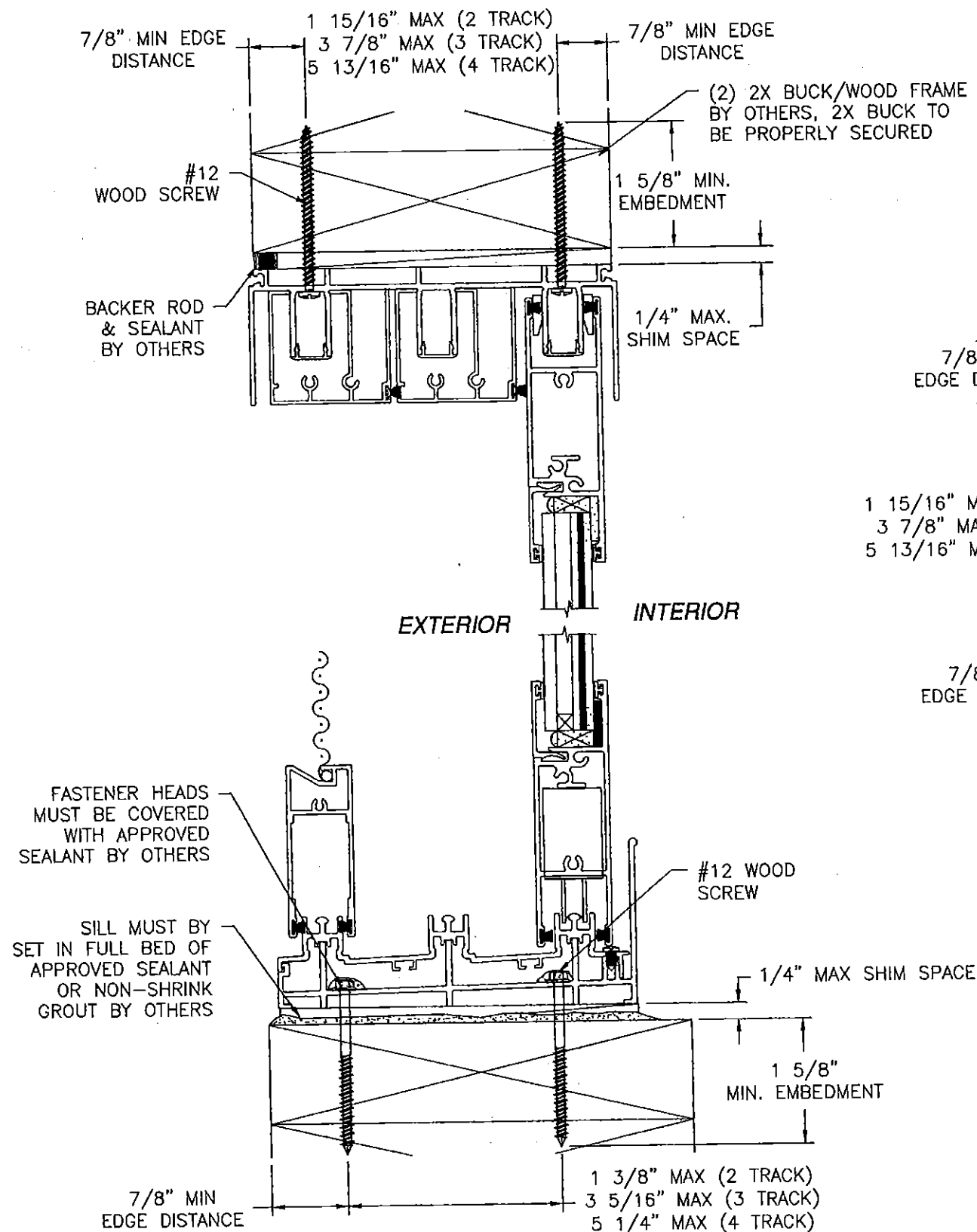
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07/03/2012

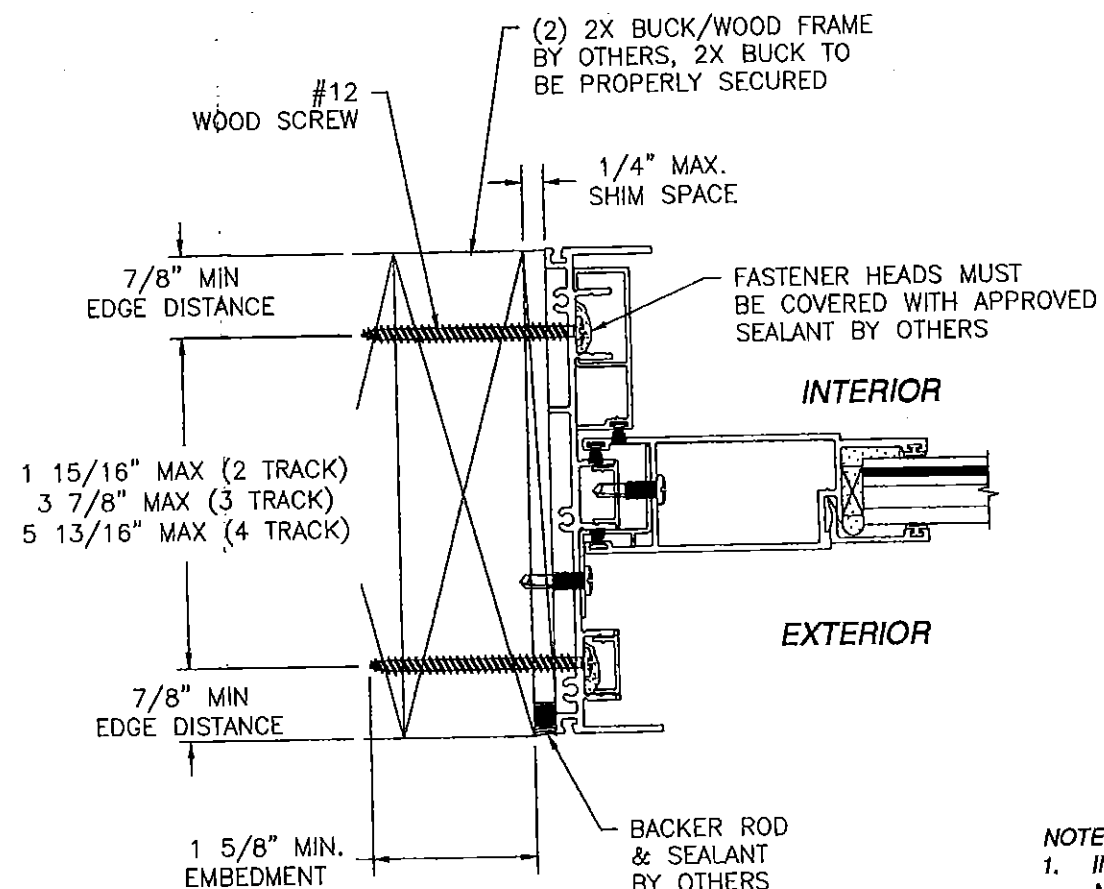
SHEET 10 OF 14



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.
D	ADDED CHARTS	07/08/15	R.L.



3 TRACK VERTICAL SECTION
2X BUCKWOOD FRAME INSTALLATION
3 TRACK SHOWN 2 & 4 TRACK SIMILAR
SEE ANCHOR LAYOUT SHEET 3



3 TRACK FRAME JAMB
2X BUCKWOOD FRAME INSTALLATION
3 TRACK SHOWN 2 & 4 TRACK SIMILAR
SEE ANCHOR LAYOUT SHEET 3

- NOTES:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
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SIGNED: 04/18/2016

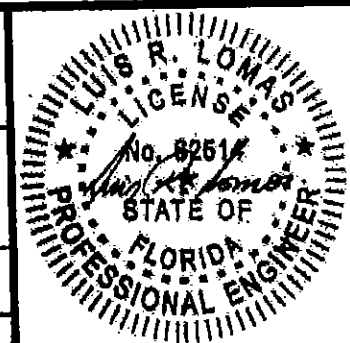
PRODUCT REVISED
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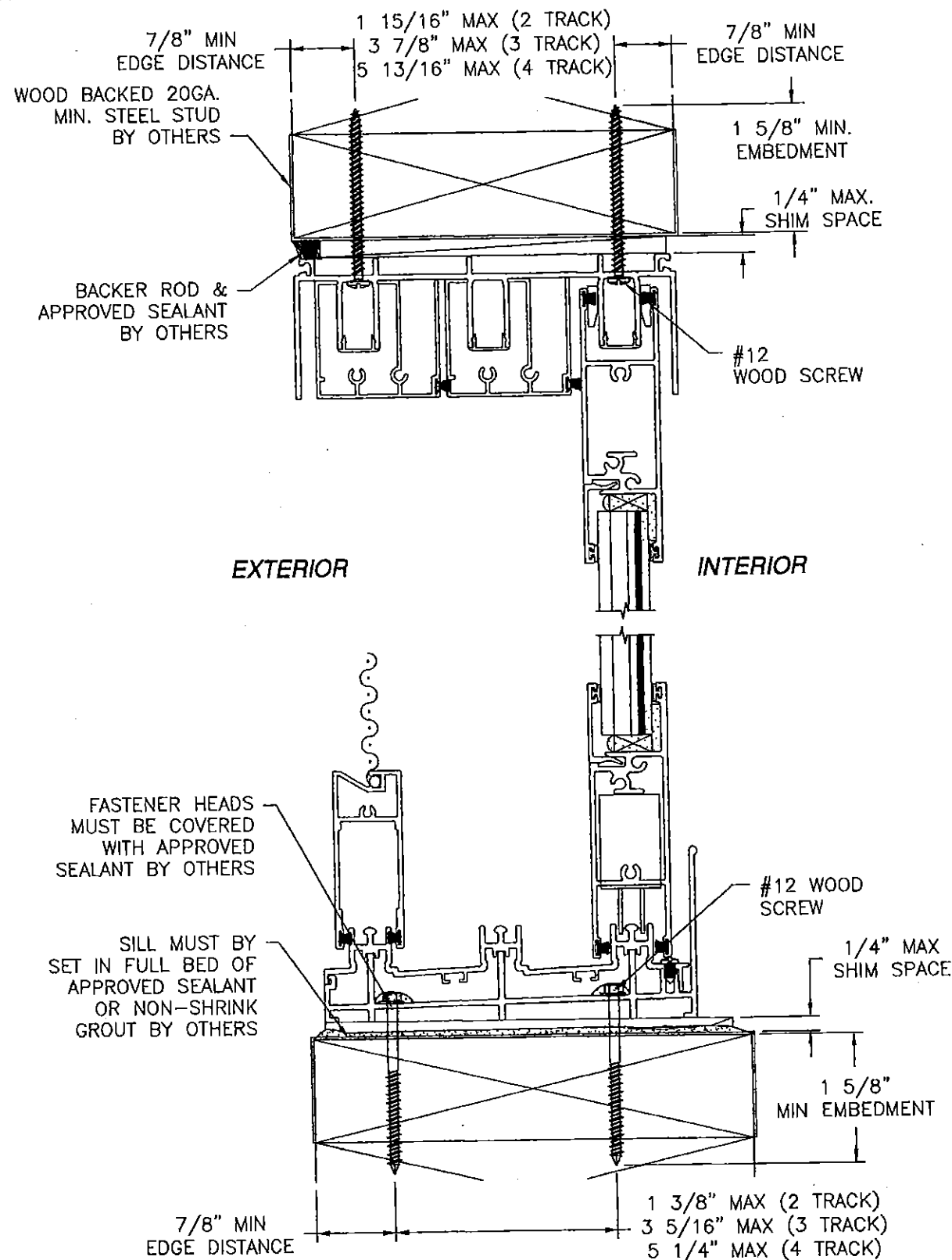
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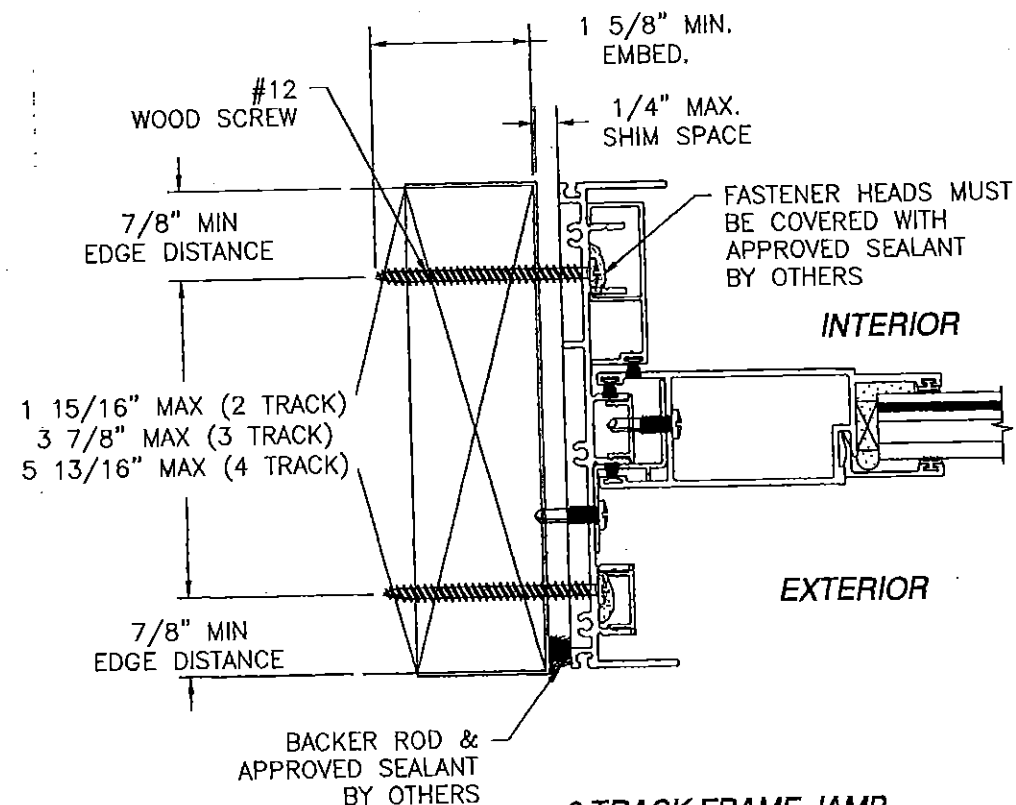
DRAWN: A.P. DWG NO. 08-01663 REV D
SCALE NTS DATE 07/03/2012 SHEET 11 OF 14





3 TRACK VERTICAL SECTION
WOOD BACKED 20GA. STEEL STUD INSTALLATION
3 TRACK SHOWN 2 & 4 TRACK SIMILAR
SEE ANCHOR LAYOUT SHEET 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.
D	ADDED CHARTS	07/08/15	R.L.



3 TRACK FRAME JAMB
WOOD BACKED 20GA. STEEL STUD INSTALLATION
3 TRACK SHOWN 2 & 4 TRACK SIMILAR
SEE ANCHOR LAYOUT SHEET 3

NOTES:

1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 04/18/2016

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7000 HP SERIES LMI REINFORCED
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A.P.

DWG NO.

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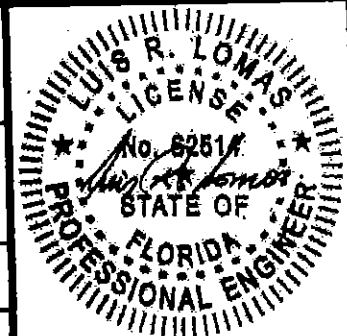
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SCALE NTS

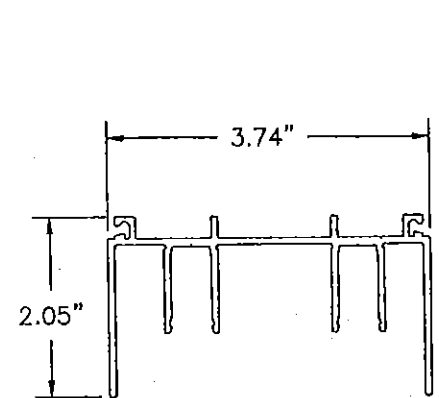
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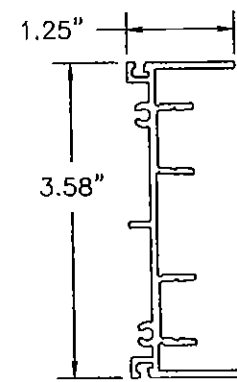
SHEET 12 OF 14



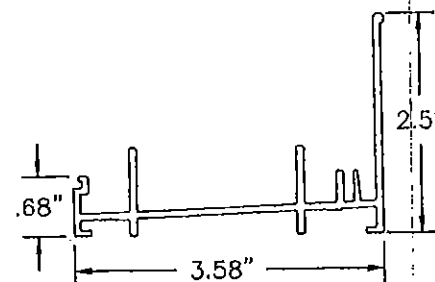
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.
D	ADDED CHART	07/08/15	R.L.



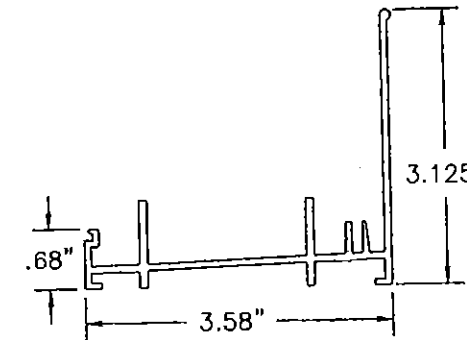
① **2T FRAME HEAD**
6063-T6 ALUMINUM .095\"



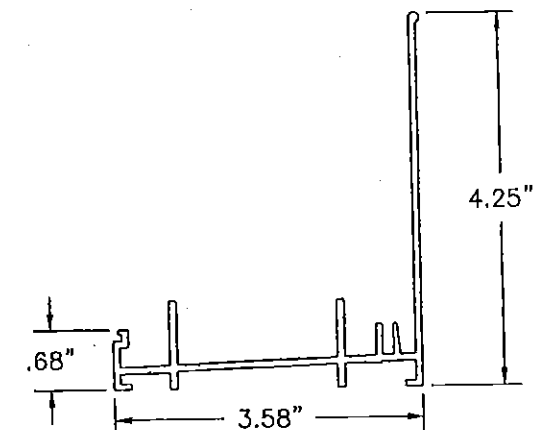
② **2T FRAME JAMB**
6063-T6 ALUMINUM .095\"



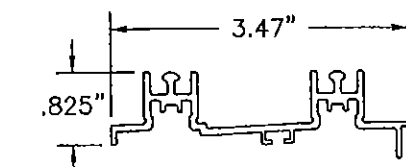
③ **2T SILL PAN 2 1/2\"**
6063-T6 ALUMINUM .075\"



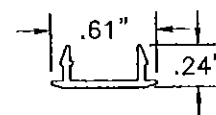
④ **2T SILL PAN 3 1/8\"**
6063-T6 ALUMINUM .075\"



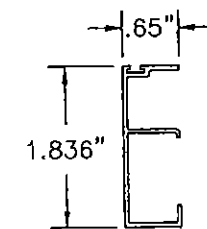
⑤ **2T SILL PAN 4 1/4\"**
6063-T6 ALUMINUM .075\"



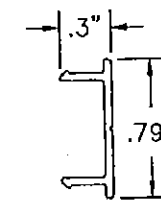
⑥ **2T SILL INSERT**
6063-T6 ALUMINUM .075\"



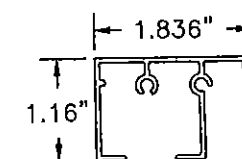
⑦ **TRACK COVER**
6063-T6 ALUMINUM .045\"



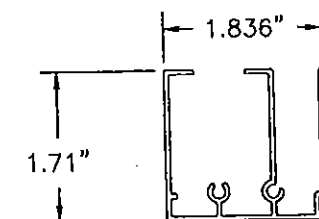
⑧ **RECESSED JAMB COVER**
6063-T6 ALUMINUM .050\"



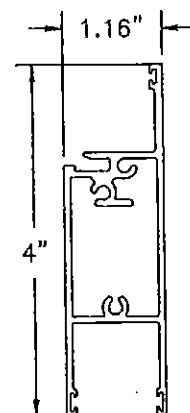
⑨ **JAMB COVER**
6063-T6 ALUMINUM .045\"



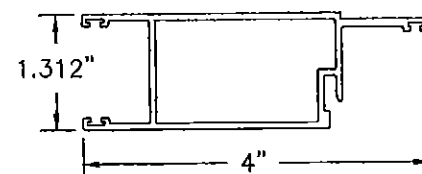
⑩ **PANEL STOP SILL COVER**
6063-T6 ALUMINUM .050\"



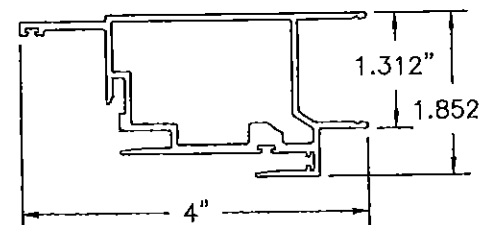
⑪ **PANEL STOP HEAD COVER**
6063-T6 ALUMINUM .050\"



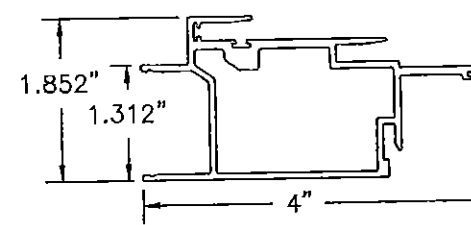
⑫ **TOP & BOTTOM RAIL**
6063-T6 ALUMINUM .070\"



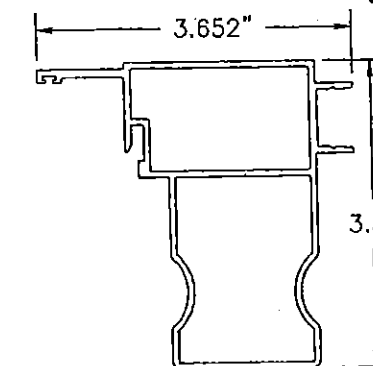
⑬ **LOCK/PLAIN STILE**
6063-T6 ALUMINUM .070\"



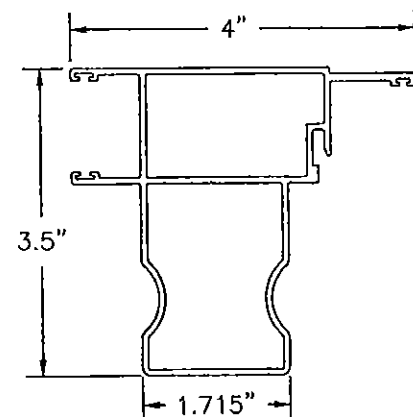
⑭ **INTERLOCK STILE LEFT**
6063-T6 ALUMINUM .070\"



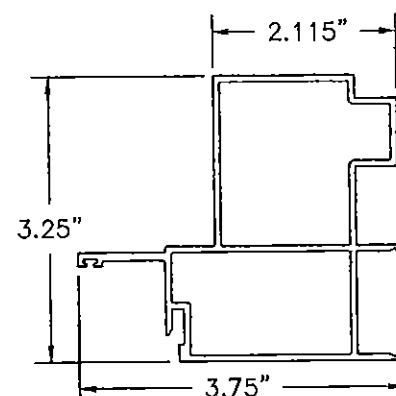
⑮ **INTERLOCK STILE RIGHT**
6063-T6 ALUMINUM .070\"



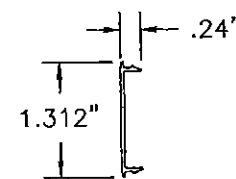
⑯ **MALE BUTT STILE**
6063-T6 ALUMINUM .070\"



⑰ **LOCKING BUTT STILE**
6063-T6 ALUMINUM .070\"



⑱ **INTERIOR FIXED BUTT STILE**
6063-T6 ALUMINUM .070\"



⑲ **INTERLOCK COVER**
6063-T6 ALUMINUM .040\"

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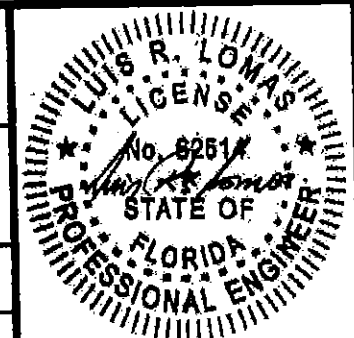
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **15-0723.11**
Expiration Date **06/06/2018**
By *[Signature]*
Miami-Dade Product Control

WinDoor
INCORPORATED

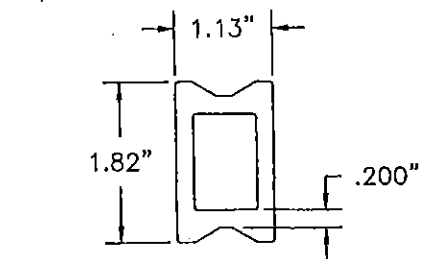
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

7000 HP SERIES LMI REINFORCED
& NON-REINFORCED
COMPONENTS

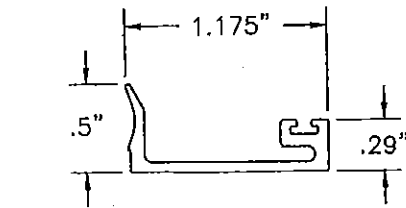
DRAWN: A.P.	DWG NO. 08-01663	REV D
SCALE NTS	DATE 07/03/2012	SHEET 13 OF 14



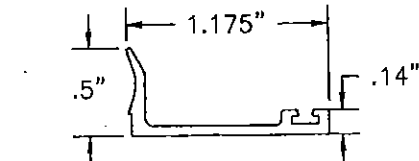
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
C	REVISED APPROVED CONFIGURATIONS	04/17/13	R.L.
D	ADDED CHARTS	07/08/15	R.L.



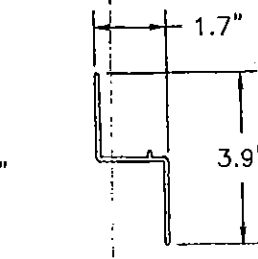
②0 **REINFORCING BAR**
6005-T5 ALUMINUM .200\" THICK



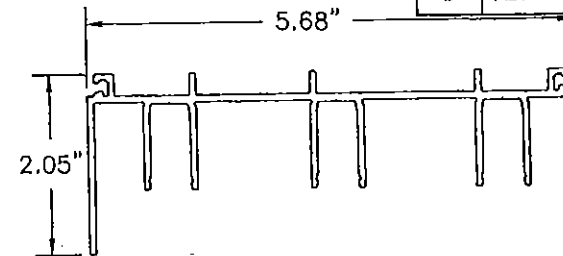
②1 **9/16\" GLASS STOP**
6063-T6 ALUMINUM .055\" THICK



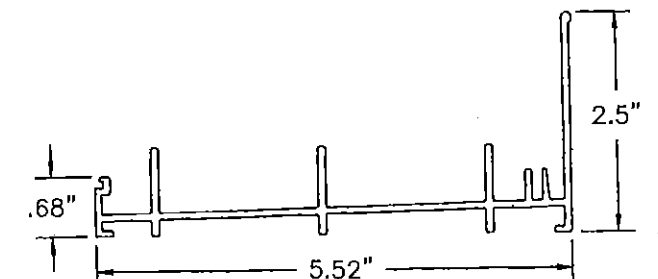
②2 **3/4\" GLASS STOP**
6063-T6 ALUMINUM .055\" THICK



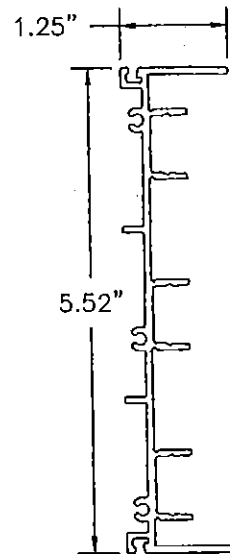
②3 **Z CLIP**
6063-T6 ALUMINUM .050\" THICK



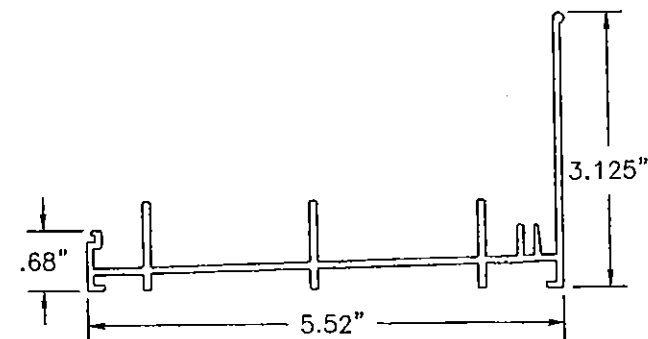
⑤0 **3T FRAME HEAD**
6063-T6 ALUMINUM .095\" THICK



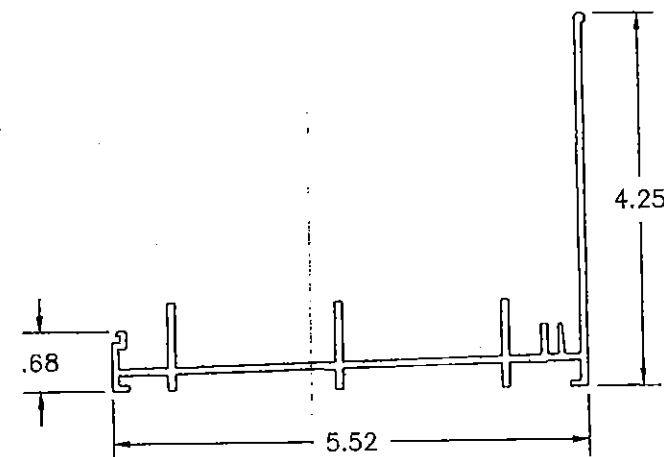
⑤2 **3T SILL PAN 2 1/2\" RISER**
6063-T6 ALUMINUM .075\" THICK



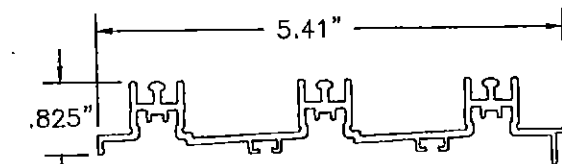
⑤1 **3T FRAME JAMB**
6063-T6 ALUMINUM .095\" THICK



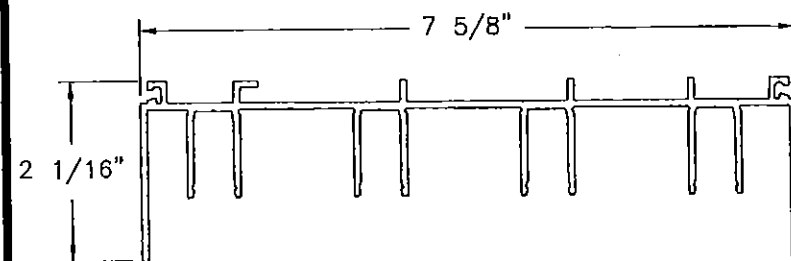
⑤3 **3T SILL PAN 3 1/8\" RISER**
6063-T6 ALUMINUM .075\" THICK



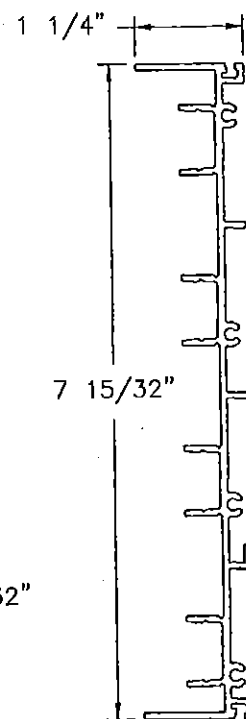
⑤4 **3T SILL PAN 4 1/4\" RISER**
6063-T6 ALUMINUM .075\" THICK



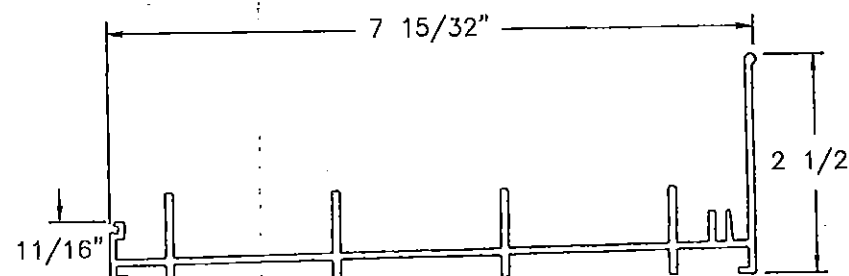
⑤5 **3T SILL INSERT**
6063-T6 ALUMINUM .075\" THICK



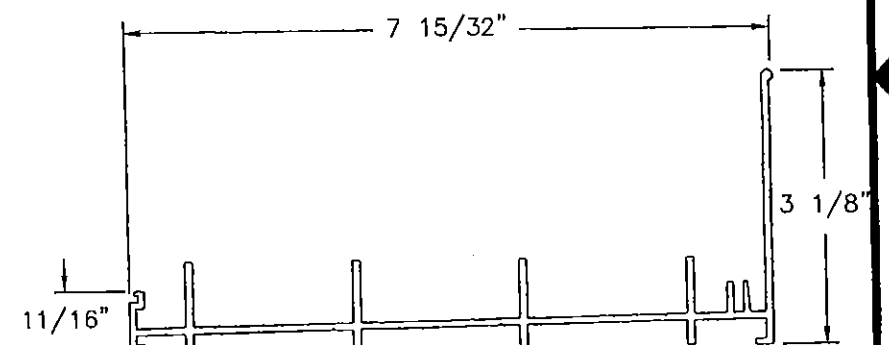
⑥2 **4T FRAME HEAD**
6063-T6 ALUMINUM .095\" THICK



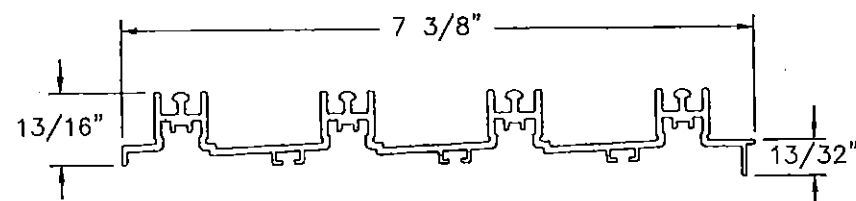
⑥6 **4T FRAME JAMB**
6063-T6 ALUMINUM .095\" THICK



⑥3 **4T SILL PAN 2 1/2\" RISER**
6063-T6 ALUMINUM .075\" THICK



⑥4 **4T SILL PAN 3 1/8\" RISER**
6063-T6 ALUMINUM .075\" THICK



⑥5 **4T SILL INSERT**
6063-T6 ALUMINUM .095\" THICK

SIGNED: 04/18/2016

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **15-0723.11**
Expiration Date **06/06/2018**

By *[Signature]*
Miami-Dade Product Control

WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

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COMPONENTS

DRAWN: A.P.	DWG NO. 08-01663	REV D
SCALE NTS	DATE 07/03/2012	SHEET 14 OF 14

